

Twice Born Ministry

TECH-LNX-101: Linux Essentials for Servers & Ministry IT

Course Code: TECH-LNX-101

Credit Hours: 3

King James Version (KJV) — Sola Scriptura Curriculum

Generated 2026-06-30

Course Description

TECH-LNX-101: Linux Essentials for Servers & Ministry IT

Course Description

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

This course is part of **Layer 4 — Career Tracks** (Track D: Technical / IT / Cloud / AI / Marketing) in the Twice Born Ministry Bible School catalog. **College category:** Information Technology.

Course Details

| Field | Value |

|-----|-----|

| **Course Code** | TECH-LNX-101 |

| **Career Track** | D — Technical / IT / Cloud / AI / Marketing |

| **Catalog Track** | Linux Essentials |

| **College Category** | Information Technology |

| **Credit Hours** | 3 |

| **Weeks** | 12 |

| **Lessons** | 12 |

| **Prerequisites** | TECH-701 |

| **Homeschool Band** | College |

| **Primary Text** | King James Version (KJV) |

| **Source / Resources** | Linux Foundation intro topics; Ubuntu LTS lab guide |

TBM Cross-References

- TECH-701

- TECH-704 cross-ref

Learning Outcomes

Upon completion, students will be able to:

1. Explain core concepts and vocabulary for this vocational domain at college introductory level.

2. Apply biblical ethics when secular models conflict with Kingdom priorities.
3. Complete practical assignments, scenarios, or lab exercises with documented integrity.
4. Articulate connections between vocation, stewardship, and local church ministry.
5. Pass module quizzes and capstone assessments at 70% or higher.

Assessment Overview

- **Module quizzes:** JSON per module (multiple choice + short answer).
- **Assignments:** 3–4 rubric-graded projects.
- **Group projects:** 2 collaborative exercises.
- **Final exam:** Comprehensive short and extended responses.
- **Video scripts:** 3–5 instructor scripts for optional production.

Christian Guardrails

- KJV citation standard; Christ-centered instruction.
- Career exploration does not replace licensure, trade apprenticeships, or professional counsel where required.
- AI tools may assist research but not replace original work or pastoral judgment.

Instructor Notes

Professor Shepherd AI instructor shortcode: [tb_ai_instructor
course_code="TECH-LNX-101"]

Twice Born Ministry Bible School — Layer 4 Career Tracks

Course Modules

TECH-LNX-101 — Lesson 1: Linux Philosophy and Stewardship of Infrastructure

Introduction

Welcome to Lesson 1 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Linux Philosophy and Stewardship of Infrastructure** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Linux Philosophy and Stewardship of Infrastructure**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Navigation and permissions audit

```
pwd
```

```
ls -la ~
```

```
man ls | head -n 20
```

```
chmod 600 ~/secrets.env # example: restrict sensitive env file
```

,

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Linux Philosophy and Stewardship of Infrastructure

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701
- • TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Linux Philosophy and Stewardship of Infrastructure should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 1: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Linux Philosophy and Stewardship of Infrastructure** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 1 Summary: We examined **Linux Philosophy and Stewardship of Infrastructure** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 2. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

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TECH-LNX-101 — Lesson 2: Distros, LTS Releases, and Ministry Server Choices

Introduction

Welcome to Lesson 2 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Distros, LTS Releases, and Ministry Server Choices** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Distros, LTS Releases, and Ministry Server Choices**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Package and service stewardship (Ubuntu/Debian)

```
sudo apt update
```

```
sudo apt install -y nginx
systemctl status nginx
journalctl -u nginx --no-pager -n 20
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Distros, LTS Releases, and Ministry Server Choices

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

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Application for Vocation and Ministry

Distros, LTS Releases, and Ministry Server Choices should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 2: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

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What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 2 Summary: We examined **Distros, LTS Releases, and Ministry Server Choices** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 3. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

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Supplemental Reading and Reflection

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Worship Integration

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TECH-LNX-101 — Lesson 3: Terminal Navigation and Manual Pages

Introduction

Welcome to Lesson 3 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Terminal Navigation and Manual Pages** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

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Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Terminal Navigation and Manual Pages**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

SSH key generation — disable password auth in production

```
ssh-keygen -t ed25519 -C "ministry-lab@example.org"
```



```
ssh-copy-id user@lab-server
```

```
,
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Terminal Navigation and Manual Pages

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
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Application for Vocation and Ministry

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Lab, Scenario, or Field Exercise

Exercise 3: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Terminal Navigation and Manual Pages** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 3 Summary: We examined **Terminal Navigation and Manual Pages** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 4. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

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Supplemental Reading and Reflection

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

TECH-LNX-101 — Lesson 4: Users, Groups, and chmod/chown Ethics

Introduction

Welcome to Lesson 4 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Users, Groups, and chmod/chown Ethics** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Users, Groups, and chmod/chown Ethics**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Navigation and permissions audit

```
pwd
```

```
ls -la ~
```

```
man ls | head -n 20
```

```
chmod 600 ~/secrets.env # example: restrict sensitive env file
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Users, Groups, and chmod/chown Ethics

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701
- • TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Users, Groups, and chmod/chown Ethics should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 4: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Users, Groups, and chmod/chown Ethics** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 4 Summary: We examined **Users, Groups, and chmod/chown Ethics** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 5. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Worship Integration

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Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Worship Integration

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TECH-LNX-101 — Lesson 5: Package Managers: apt and dnf Basics

Introduction

Welcome to Lesson 5 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Package Managers: apt and dnf Basics** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Package Managers: apt and dnf Basics**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Package and service stewardship (Ubuntu/Debian)

```
sudo apt update
```

```
sudo apt install -y nginx
```

```
systemctl status nginx
```

```
journalctl -u nginx --no-pager -n 20
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Package Managers: apt and dnf Basics

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701
- • TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Package Managers: apt and dnf Basics should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 5: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Package Managers: apt and dnf Basics** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 5 Summary: We examined **Package Managers: apt and dnf Basics** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 6. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

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Historical Figure Spotlight

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Worship Integration

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Worship Integration

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Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Worship Integration

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Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

TECH-LNX-101 — Lesson 6: Processes, systemd, and Service Health

Introduction

Welcome to Lesson 6 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Processes, systemd, and Service Health** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Processes, systemd, and Service Health**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

SSH key generation — disable password auth in production

```
ssh-keygen -t ed25519 -C "ministry-lab@example.org"
```

```
ssh-copy-id user@lab-server
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Processes, systemd, and Service Health

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701

- • TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Processes, systemd, and Service Health should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 6: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Processes, systemd, and Service Health** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 6 Summary: We examined **Processes, systemd, and Service Health** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 7. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Historical Figure Spotlight

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Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

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Worship Integration

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Historical Figure Spotlight

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Worship Integration

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TECH-LNX-101 — Lesson 7: Filesystem Layout and Disk Stewardship

Introduction

Welcome to Lesson 7 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Filesystem Layout and Disk Stewardship** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Filesystem Layout and Disk Stewardship**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Navigation and permissions audit

```
pwd
```

```
ls -la ~
```

```
man ls | head -n 20
```

```
chmod 600 ~/secrets.env # example: restrict sensitive env file
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Filesystem Layout and Disk Stewardship

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701

- TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Filesystem Layout and Disk Stewardship should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 7: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Filesystem Layout and Disk Stewardship** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 7 Summary: We examined **Filesystem Layout and Disk Stewardship** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 8. Review `SPECIALIZATION_SOURCES.md` or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Ministry Case Study

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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TECH-LNX-101 — Lesson 8: SSH Keys, sudo, and Least-Privilege Access

Introduction

Welcome to Lesson 8 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **SSH Keys, sudo, and Least-Privilege Access** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **SSH Keys, sudo, and Least-Privilege Access**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Package and service stewardship (Ubuntu/Debian)

```
sudo apt update
```

```
sudo apt install -y nginx
```

```
systemctl status nginx
```

```
journalctl -u nginx --no-pager -n 20
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: SSH Keys, sudo, and Least-Privilege Access

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
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Professional Standards

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TBM & Catalog Cross-References

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Application for Vocation and Ministry

SSH Keys, sudo, and Least-Privilege Access should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 8: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **SSH Keys, sudo, and Least-Privilege Access** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 8 Summary: We examined **SSH Keys, sudo, and Least-Privilege Access** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 9. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Supplemental Reading and Reflection

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Ministry Case Study

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Worship Integration

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TECH-LNX-101 — Lesson 9: Logs: journalctl and Responsible Monitoring

Introduction

Welcome to Lesson 9 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Logs: journalctl and Responsible Monitoring** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

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Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Logs: journalctl and Responsible Monitoring**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience

or church policy.

Command Lab

```
`bash
```

SSH key generation — disable password auth in production

```
ssh-keygen -t ed25519 -C "ministry-lab@example.org"
```

```
ssh-copy-id user@lab-server
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Logs: journalctl and Responsible Monitoring

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
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Professional Standards

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Application for Vocation and Ministry

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Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 9: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Logs: journalctl and Responsible Monitoring** align with Colossians 3:23 ("as to the Lord")?

- What secular practice in this field most often conflicts with biblical ethics?
- Which prerequisite course or TBM resource best supports this lesson?
- How would you teach this topic to a high school dual-enrollment student?
- What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 9 Summary: We examined **Logs: journalctl and Responsible Monitoring** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 10. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Supplemental Reading and Reflection

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Worship Integration

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

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Worship Integration

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

TECH-LNX-101 — Lesson 10: Basic Networking: ip, curl, and firewalls Intro

Introduction

Welcome to Lesson 10 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Basic Networking: ip, curl, and firewalls Intro** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Basic Networking: ip, curl, and firewalls Intro**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

Navigation and permissions audit

```
pwd
```

```
ls -la ~
```

```
man ls | head -n 20
```

```
chmod 600 ~/secrets.env # example: restrict sensitive env file
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Basic Networking: ip, curl, and firewalls Intro

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- TECH-701

- TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Basic Networking: ip, curl, and firewalls Intro should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 10: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Basic Networking: ip, curl, and firewalls Intro** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 10 Summary: We examined **Basic Networking: ip, curl, and firewalls Intro** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 11. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

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Supplemental Reading and Reflection

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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TECH-LNX-101 — Lesson 11: Backups with rsync and Integrity Checks

Introduction

Welcome to Lesson 11 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Backups with rsync and Integrity Checks** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Backups with rsync and Integrity Checks**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church

policy.

Command Lab

```
`bash
```

Package and service stewardship (Ubuntu/Debian)

```
sudo apt update
```

```
sudo apt install -y nginx
```

```
systemctl status nginx
```

```
journalctl -u nginx --no-pager -n 20
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Backups with rsync and Integrity Checks

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

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TBM & Catalog Cross-References

- TECH-701

- TECH-704 cross-ref

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Backups with rsync and Integrity Checks should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 11: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Backups with rsync and Integrity Checks** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 11 Summary: We examined **Backups with rsync and Integrity Checks** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 12. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Ministry Case Study

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Supplemental Reading and Reflection

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TECH-LNX-101 — Lesson 12: Capstone: Church Lab Server Setup Checklist

Introduction

Welcome to Lesson 12 of **Linux Essentials for Servers & Ministry IT** (TECH-LNX-101). This session explores **Capstone: Church Lab Server Setup Checklist** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Accountability

So then every one of us shall give account of himself to God (Romans 14:12, KJV). You remain accountable for AI-assisted work product—delegation does not transfer moral responsibility.

Apply this principle while studying **Capstone: Church Lab Server Setup Checklist**: document who reviews AI output, what data may enter prompts, and when to refuse tool use that violates conscience or church policy.

Command Lab

```
`bash
```

SSH key generation — disable password auth in production

```
ssh-keygen -t ed25519 -C "ministry-lab@example.org"
```

```
ssh-copy-id user@lab-server
```

```
`
```

Integrity note: Submit your own work; cite any AI assistance per course honor code.

Core Teaching

Theme: Capstone: Church Lab Server Setup Checklist

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

Shell navigation, permissions, packages, services, and SSH for church servers, homeschool labs, and ethical self-hosting.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
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Professional Standards

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TBM & Catalog Cross-References

- TECH-701

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TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Capstone: Church Lab Server Setup Checklist should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 12: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Capstone: Church Lab Server Setup Checklist** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 12 Summary: We examined **Capstone: Church Lab Server Setup Checklist** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to the capstone module. Review `SPECIALIZATION_SOURCES.md` or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

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Ministry Case Study

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Worship Integration

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Historical Figure Spotlight

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using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

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Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Historical Figure Spotlight

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Appendix A — Assignments

Week 01

Week 01 Assignment — Reflection Journal

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 1: Linux Philosophy and Stewardship of Infrastructure

Learning objective (Bloom's taxonomy)

Students will **analyze** course content from **TECH-LNX-101 — Lesson 1: Linux Philosophy and Stewardship of Infrastructure** with KJV integration and measurable evidence in the submission.

Task

Analyze: Write a 300–500 word reflection on **TECH-LNX-101 — Lesson 1: Linux Philosophy and Stewardship of Infrastructure**. Include at least two KJV citations and one personal application.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Linux, Philosophy

Week 02

Week 02 Assignment — Memory Verse Application

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 2: Distros, LTS Releases, and Ministry Server Choices

Learning objective (Bloom's taxonomy)

Students will **apply** course content from **TECH-LNX-101 — Lesson 2: Distros, LTS Releases, and Ministry Server Choices** with KJV integration and measurable evidence in the submission.

Task

Apply: Recite this week's memory verse from memory, then write 250 words explaining how it applies to daily discipleship.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Distros, Releases

Week 03

Week 03 Assignment — Expository Outline

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 3: Terminal Navigation and Manual Pages

Learning objective (Bloom's taxonomy)

Students will **outline** course content from **TECH-LNX-101 — Lesson 3: Terminal Navigation and Manual Pages** with KJV integration and measurable evidence in the submission.

Task

Outline: Produce a structured outline (400+ words) for the main passage in **TECH-LNX-101 — Lesson 3: Terminal Navigation and Manual Pages**. Include pericope titles and one-sentence themes.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Terminal, Navigation

Week 04

Week 04 Assignment — Discussion Response

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 4: Users, Groups, and chmod/chown Ethics

Learning objective (Bloom's taxonomy)

Students will **explain** course content from **TECH-LNX-101 — Lesson 4: Users, Groups, and chmod/chown Ethics** with KJV integration and measurable evidence in the submission.

Task

Explain: Answer two discussion prompts from the Week 4 reading in 200 words each. Cite KJV only.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Users, Groups

Week 05

Week 05 Assignment — Practical Ministry Step

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 5: Package Managers: apt and dnf Basics

Learning objective (Bloom's taxonomy)

Students will **demonstrate** course content from **TECH-LNX-101 — Lesson 5: Package Managers: apt and dnf Basics** with KJV integration and measurable evidence in the submission.

Task

Demonstrate: Complete one practical ministry action tied to **TECH-LNX-101 — Lesson 5: Package Managers: apt and dnf Basics** (visit, prayer walk, family worship, or service). Submit a 200-word report plus optional photo upload.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Manual review (practical/upload).

Pass: 70%

Rubric (100 points)

Week 06

Week 06 Assignment — Witness Outline

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 6: Processes, systemd, and Service Health

Learning objective (Bloom's taxonomy)

Students will **construct** course content from **TECH-LNX-101 — Lesson 6: Processes, systemd, and Service Health** with KJV integration and measurable evidence in the submission.

Task

Construct: Draft a 3-minute spoken witness outline using this week's theme. Include gospel bridge, one objection with biblical answer, and call to faith.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Processes, systemd

Week 07

Week 07 Assignment — Cross-Reference Study

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 7: Filesystem Layout and Disk Stewardship

Learning objective (Bloom's taxonomy)

Students will **compare** course content from **TECH-LNX-101 — Lesson 7: Filesystem Layout and Disk Stewardship** with KJV integration and measurable evidence in the submission.

Task

Compare: Find three cross-references that illuminate **TECH-LNX-101 — Lesson 7: Filesystem Layout and Disk Stewardship**. Write 400 words comparing themes (OT + NT).

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Filesystem, Layout

Week 08

Week 08 Assignment — Historical Context Brief

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 8: SSH Keys, sudo, and Least-Privilege Access

Learning objective (Bloom's taxonomy)

Students will **describe** course content from **TECH-LNX-101 — Lesson 8: SSH Keys, sudo, and Least-Privilege Access** with KJV integration and measurable evidence in the submission.

Task

Describe: Write 350 words on historical/literary context for **TECH-LNX-101 — Lesson 8: SSH Keys, sudo, and Least-Privilege Access**. Minimum four KJV citations.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Least, Privilege

Week 09

Week 09 Assignment — Christological Connection Essay

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 9: Logs: journalctl and Responsible Monitoring

Learning objective (Bloom's taxonomy)

Students will **evaluate** course content from **TECH-LNX-101 — Lesson 9: Logs: journalctl and Responsible Monitoring** with KJV integration and measurable evidence in the submission.

Task

Evaluate: Explain how **TECH-LNX-101 — Lesson 9: Logs: journalctl and Responsible Monitoring** points to Christ in 400–600 words. Use literal-grammatical-historical method.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, journalctl, Responsible

Week 10

Week 10 Assignment — Teaching Prep

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 10: Basic Networking: ip, curl, and firewalls Intro

Learning objective (Bloom's taxonomy)

Students will **design** course content from **TECH-LNX-101 — Lesson 10: Basic Networking: ip, curl, and firewalls Intro** with KJV integration and measurable evidence in the submission.

Task

Design: Prepare a 5-minute teaching outline for **TECH-LNX-101 — Lesson 10: Basic Networking: ip, curl, and firewalls Intro** suitable for a small group or homeschool lesson.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Basic, Networking

Week 11

Week 11 Assignment — Integration & Review

Course: TECH-LNX-101 · Linux Essentials for Servers & Ministry IT

Week focus: TECH-LNX-101 — Lesson 12: Capstone: Church Lab Server Setup Checklist

Learning objective (Bloom's taxonomy)

Students will **synthesize** course content from **TECH-LNX-101 — Lesson 12: Capstone: Church Lab Server Setup Checklist** with KJV integration and measurable evidence in the submission.

Task

Synthesize: Synthesize the top five themes from Linux Essentials for Servers & Ministry IT. 600 words, minimum six KJV citations, one paragraph on personal growth.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Capstone, Church

Week 12

Learning objective (Bloom's taxonomy)

Students will **create** an original ministry artifact synthesizing Linux Essentials for Servers & Ministry IT with KJV fidelity and scholarship-gallery quality.

Creative Ministry Project — TECH-LNX-101

Course: Linux Essentials for Servers & Ministry IT

Code: TECH-LNX-101

Overview

Complete an original **Creative Ministry Project** demonstrating what you learned in this course. Select one project type when submitting your assignment. Approved work may appear in the [Scholarship Gallery](https://twicebornministry.com/bible-school/scholarships/) so supporters can **donate toward student scholarships** — you retain credit and ownership of your work.

> This is ministry education, not a sale of intellectual property. Donations fund scholarships.

Project types

Requirements

Original work — cite all Scripture in KJV; footnote other sources.

Course connection — explicitly tie your project to at least two module themes from TECH-LNX-101.

Ministry focus — aim to edify believers or reach seekers with the gospel.

Upload — submit via the **Creative Ministry Project** assignment at the end of the course; select your project type in the form.

Length guides:

- Written: 800–1500 words
- Audio/Video: see durations above
- Photography: 1–3 images + caption
- Application: working prototype + 300-word user guide

Grading rubric (100 points)

Pass: 70%

Scholarship gallery

If your project is approved, it may be listed at /bible-school/scholarships/ with a **Support this student** donation button. Supporters give toward the scholarship fund for your project type — not to purchase your content.

Prayer

> *"Let the words of my mouth, and the meditation of my heart, be acceptable in thy sight, O LORD, my strength, and my redeemer."* — Psalm 19:14 (KJV)

Grading

Grading mode: Manual review (creative upload).

Pass: 70%

Rubric (100 points)

Creative Ministry Project

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Course: Linux Essentials for Servers & Ministry IT

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