**Slide 1: Objective & Background**

**Background:**

* Network device backups were managed manually
* High risk of configuration loss and human errors
* Needed an automated and secure solution

**Objective:**

* Automate network device backups
* Ensure secure and scheduled backups
* Reduce manual effort and errors

**Slide 2: Technology Used**

* **Ansible** – Automates backup tasks
* **Azure DevOps** – Manages CI/CD pipeline
* **SFTP Server** – Stores backup files
* **Azure Key Vault** – Secures sensitive credentials

**Slide 3: Working Process**

* Pipeline triggers backup process
* Ansible fetches device configurations
* Backups are securely stored on the SFTP server
* Alerts are sent for backup status

**Slide 4: Restoration Process**

* Fetch latest backup from SFTP
* Apply configuration to network devices
* Validate and ensure system stability

**Slide 5: Conclusion**

* Simplifies network backup management
* Improves security and reliability
* Reduces operational overhead

**Slide 6: Thanks**