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CANARIE Orchestration Update: TNC26

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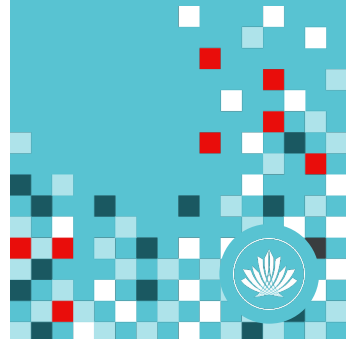
Key milestones since WFO dev days

■ Development achievements

- Delivered Modify workflows for Device, Port, IP Service Edge, and Service Edge
- Completed full LAG lifecycle: Create, Terminate, Modify, and Verify workflows
- Hardened k8s infrastructure with improved persistent storage

■ Planning milestones

- Defined 2026 requirements for production deployment
- Established authentication strategy for OIDC and SAML applications
- Finalized brownfield deployment strategy



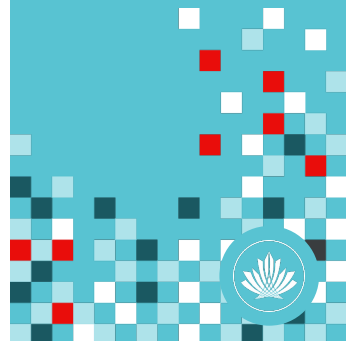
In progress now

■ Active development

- Implementing brownfield deployment changes
 - Validating against lab equipment
- Integrating authentication across Orchestrator, Netbox, and NSO
- Security review of deployment environment

■ On the planning horizon

- Targeting production deployment aligned with Super Computing 26
- Advancing L2VPN design work
- Building roadmap through end of mandate (2030)



What's next

■ Upcoming development

- Full L2VPN lifecycle: Create, Terminate, Modify, and Verify workflows
- Production deployment onto on-prem Kubernetes

■ Strategic direction

- Expanding roadmap items into detailed design and development phases for that latter half of our mandate, e.g.
 - L3VPN
 - Ticket system integration
 - Core links
 - Base config
 - Optical switch







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