

## Avi Deploy (Greenfield) — Execution Model Snapshot

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### Service Identification

- Service Name: Avi Deploy (Greenfield)
- ISV Name: Broadcom
- Product Name: VMware Avi
- Service Family: Application Networking Platform
- Service Type: Outcome
- Service Code: BC005



### How the Work Is Performed

This service designs and deploys VMware Avi Load Balancer to establish application delivery services within an existing VMware Cloud Foundation environment. It includes planning, installation, and baseline configuration of Avi components using supported deployment patterns and integration with the underlying platform. The service focuses on initial enablement of application networking capabilities and does not include application migration, advanced traffic policy design, or Day-2 operational optimization.

### Purpose

Defines how BC005 is executed in practice, including delivery approach, customer responsibilities, dependencies, and completion criteria, to set clear expectations and reduce delivery risk.

### Customer Responsibilities

- Operational VMware Cloud Foundation environment
- Supported NSX and networking configuration
- Valid Avi Load Balancer license entitlements
- Administrative access to vCenter, NSX, and network components
- DNS, NTP, and certificate services available and correctly configured

## Dependencies and Prerequisites

- Existing VCF and network environment is stable and supported
- Target environment is greenfield, meaning a net-new VMware Avi deployment rather than an in-place upgrade of an existing Avi environment
- Standard Avi deployment patterns are acceptable without bespoke design
- Any validation requiring application traffic will use customer-provided representative test applications; full application onboarding is out of scope
- Application teams are available for coordination during deployment
- Operational VMware Cloud Foundation environment
- Supported NSX and networking configuration
- Valid Avi Load Balancer license entitlements
- Administrative access to vCenter, NSX, and network components
- DNS, NTP, and certificate services available and correctly configured

## What Happens if Dependencies Are Missing

If required inputs or prerequisites are not met, delivery may be paused until gaps are resolved. Delays caused by unmet dependencies may affect overall timelines.



## Exit Criteria

- Design and deployment of VMware Avi Load Balancer within the existing VCF environment
- Installation and baseline configuration of Avi controllers and service engines
- Integration with core platform services (vCenter, NSX, networking)
- Initial setup of application delivery constructs required for basic onboarding
- Validation of platform readiness for application traffic services
- Documentation and knowledge transfer of deployed configuration Avi Load Balancer deployed and operational within the VCF environment
- Standardized application delivery platform available for onboarding workloads
- Improved consistency and manageability of application traffic services
- Foundation established for future application networking and security capabilities

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