

Ultra M

Overview

Ultra M is a turnkey virtual solution that consists of Cisco® mobility software, Cisco general-purpose compute hardware, and various OpenStack components that support the ability to orchestrate and manage the virtual network functions (VNF) as a core network element.

Ultra M is for mobile network operators who:

- Want to move incrementally toward Network Function Virtualization (NFV)
- Would like to start with Cisco's Virtual Packet Core Virtualized Network Functions (VNFs)
- Want to avoid the complexity of integrating Cisco NFV Infrastructure (NFVI), Cisco Virtualized Infrastructure Manager (VIM), and packet core VNFs independently
- Prefer a simple support model

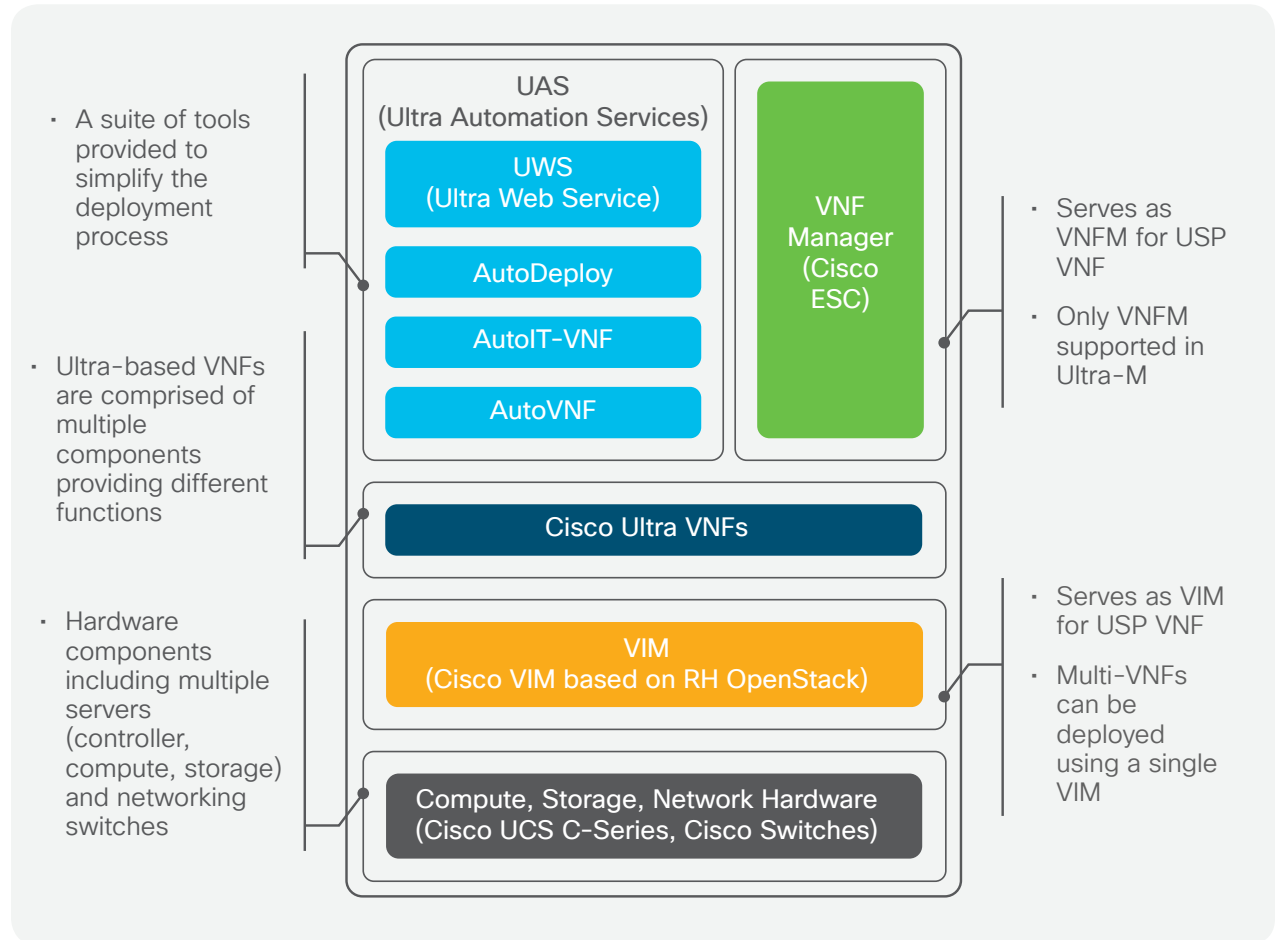
Cisco differentiators:

- Common mobility software across various general-purpose compute to enable operations efficiency
- Fully functional Network Functions Virtualization (NFV) with a full-feature, rich mobility suite
- Radio-agnostic platform with worldwide deployments in a multivendor Radio Access Network (RAN) environment
- Resiliency with both software and hardware redundancy
- Seamless 5G migration with Node Selection and Load Balancing (NSLB), Control and User Plane Separation (CUPS), and a hybrid CUPS alignment with 3GPP Rel. 14

Ultra M is turnkey solution from Cisco:

- Cisco validated and tested
- Single point of support
- Cisco's end-to-end solution (best of breed)
- Includes automation

Ultra M framework



Get started

Learn more about Ultra M and how to implement it at: www.cisco.com/go/mobile