

Leverage Discovery

Package: Citrix Netscaler

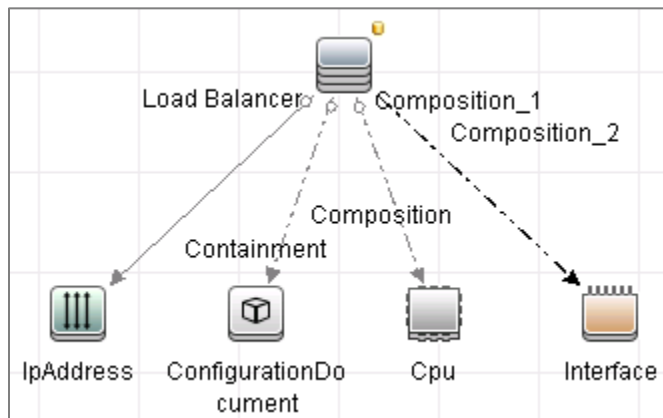
This package uses SSH to discover Citrix Netscaler.

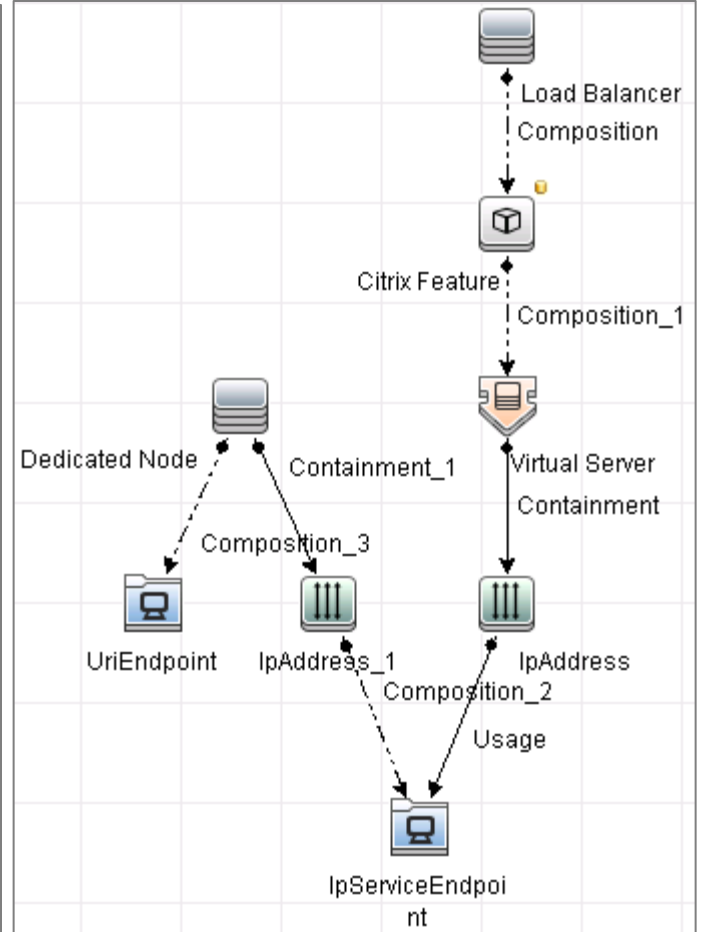
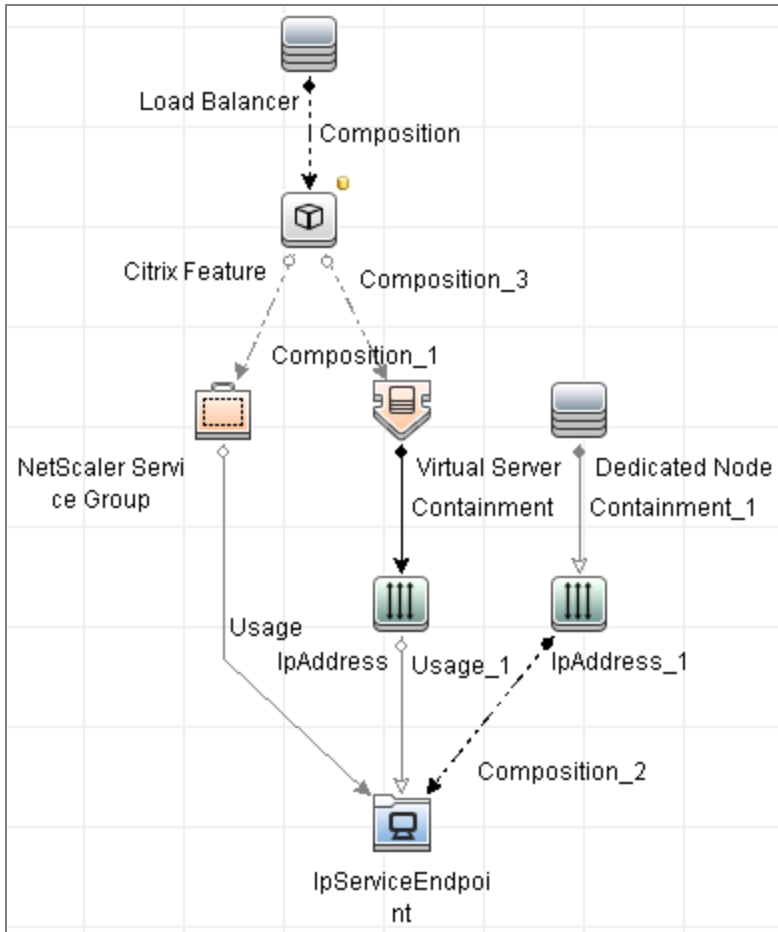
I created this package after finding a gap at the end of 2010, when different Load Balancer devices stopped returning the data necessary via SNMP to map through the device. After some research in the market space, I learned that standard Load Balancing was evolving into something more integrated and complex; these devices were starting to be called “Application Delivery Controllers”.

This package starts by discovering the existence of Netscaler and then follows the Spiral Discovery process to find additional data. Aside from basic details like version, IPs, interfaces, and hardware, this package discovers the Load Balancing and SSL VPN features of Netscaler. Load Balancing is mapped from virtual servers to dedicated servers via Services and Service Groups. VPN is mapped from virtual servers to dedicated URLs or servers via Policies and Actions.

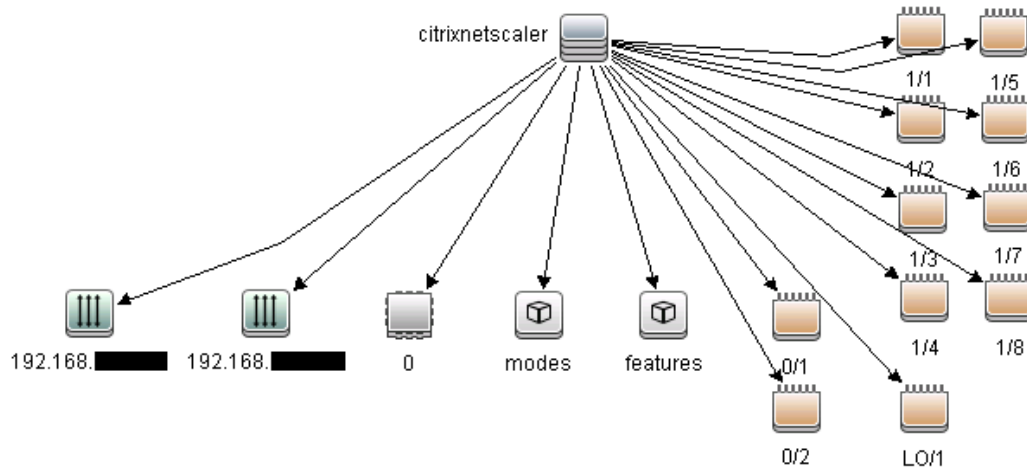
CI Model:

The following TQLs represent the Citrix Netscaler layout. The first is populated by the initial Connection job and the Details job. The next is populated by the Load Balancing job, and the last by the VPN job:





Sample results from running this package:



	Feature	Acronym	Status
1)	Web Logging	WL	ON
2)	Surge Protection	SP	OFF
3)	Load Balancing	LB	OFF
4)	Content Switching	CS	OFF
5)	Cache Redirection	CR	OFF
6)	Sure Connect	SC	OFF
7)	Compression Control	CMP	OFF
8)	Priority Queuing	PQ	OFF
9)	SSL Offloading	SSL	ON
10)	Global Server Load Balancing	GSLB	OFF
11)	Http DoS Protection	HDOSP	OFF
12)	Content Filtering	CF	OFF
13)	Integrated Caching	IC	OFF
14)	SSL VPN	SSLVPN	ON
15)	AAA	AAA	OFF
16)	OSPF Routing	OSPF	OFF
17)	RIP Routing	RIP	OFF
18)	BGP Routing	BGP	OFF
19)	Rewrite	REWRITE	OFF
20)	IPv6 protocol translation	IPv6PT	OFF
21)	Application Firewall	AppFw	OFF
22)	Responder	RESPONDER	OFF
23)	HTML Injection	HTMLInjection	OFF
24)	NetScaler Push	push	OFF

Mapping from vServer to dedicated servers via Services and Service Groups

