

# Tanium Infrastructure

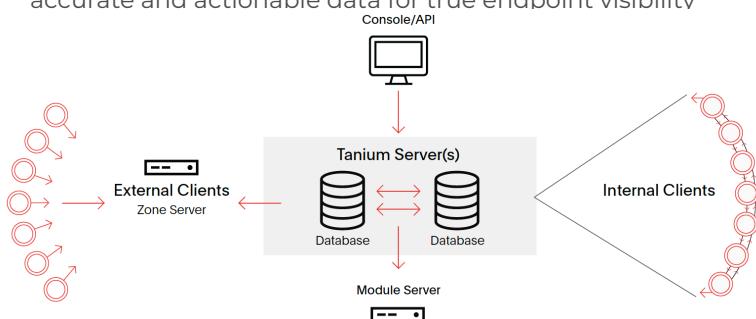
Get complete visibility into hardware and software assets

## Tanium Infrastructure Overview

Tanium Infrastructure is comprised of rack-mount hardware appliances, on-premise virtual appliances or cloud appliances, all with a hardened Linux operating system.

## The Tanium difference: modern security and IT operations for the endpoint era

Tanium is the one platform for endpoint management and security at enterprise scale. With Tanium, organizations can unify teams around a single source of accurate and actionable data for true endpoint visibility



and control. Through unity, teams can work towards a common goal of making their business resilient by enabling them to prevent, adapt and rapidly respond to any technical disruption.

## Options for a Physical, Virtual, and Cloud Infrastructure

- The Tanium Physical Appliance is a purpose-built, hardened system that provides performance at scale, with rapid diagnostics and response in the event of a hardware failure.
- The Tanium Virtual Appliance and Tanium Cloud Appliance, are a software version of the physical

## At a Glance

Ships with the latest version of Tanium.

Simple sizing and deployment options.

Integrated database reduces licensing costs.

Supports SNMP-based monitoring of hardware and software health.

Supports LDAP and other identity & access management.

appliance, running on customer-provided hypervisor infrastructure or customer-purchased cloud provider infrastructure from Amazon Web Services, which provides a hardened, rapidly deployed and easily managed system to run the Tanium platform.

**\*Customer must purchase on-premises virtualization, or cloud hosting separately**

## Personalized support

Every Tanium appliance comes with 1:1 support. A Tanium expert will plan your deployment, assist in execution, and provide technical support for the Tanium appliance to ensure your organization's success. Hardware appliances are supported with the same level of support you receive on your purchased Tanium software.

**\*Additional configuration details for the Tanium Appliances can be found on the [Tanium Documentation site](#)**

## Tanium Infrastructure sizing

Appliance Role/Endpoint Count	<10k	<25k	<50k	<200k	<500k	>500k
Tanium Server Options	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Medium Physical Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Large Physical Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Extra Large Physical Appliance</li> </ul>
Tanium Module Server Options	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Medium Physical Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Medium Physical Appliance</li> </ul>
Tanium Zone Server Options	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Small Physical Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Medium Physical Appliance</li> <li>Cloud Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Large Physical Appliance</li> </ul>	<ul style="list-style-type: none"> <li>Extra Large Physical Appliance</li> </ul>
Lab/Development (any role) Options	<ul style="list-style-type: none"> <li>Dev Physical Appliance</li> <li>Virtual Appliance</li> <li>Cloud Appliance</li> </ul>	--	--	--	--	--

## Component Details

\*Tanium Cloud Appliances should be sized and monitored to never use > 50% average CPU, or >80% RAM or disk storage resources. Dedicated storage is recommended.

	Dev	Small	Medium	Large	Extra Large	Virtual
Operating System			Tan OS	Tan OS		
Processor Count	1	2	2	4	4	
Processor Core Count	8	24	44	64	80	Varies by Size
RAM (GB)	64	128	512	1024	1536	
Disk Space (TB)	2.4	3.8	7.7	7.7	7.7	1
Disk Type	HDD	SSD SAS 12Gbps FIPS-140	SSD SAS 12Gbps FIPS-140	SSD SAS 12Gbps FIPS-140	SSD SAS 12Gbps FIPS-140	N/A
Out-of-Band Management		iDRAC9 1x 1GbE RJ45	iDRAC9 1x 1GbE RJ45	iDRAC9 1x 1GbE RJ45	iDRAC9 1x 1GbE RJ45	N/A
NICs (Copper option)	1 x Dual Port 10Gb RJ45	2 x Dual Port 10Gb RJ45	2 x Dual Port 10Gb RJ45	1 x Dual Port 10Gb RJ45 AND 1 x Quad Port 10Gb RJ45	1 x Dual Port 10Gb RJ45 AND 1 x Quad Port 10Gb RJ45	1 x Virtual NIC
NICs (Fiber option)	1 x Dual Port 10Gb SFP+, including SR Optics	2 x Dual Port 10Gb SFP+, including SR Optics	2 x Dual Port 10Gb SFP+, including SR Optics	2 x Quad Port 10Gb SFP+, including SR Optics	2 x Quad Port 10Gb SFP+, including SR Optics	
Power Supply	1 x 550W	1 + 1 Redundant 550W	1 + 1 Redundant 550W	1 + 1 Redundant 1600W	1 + 1 Redundant 1600W	N/A

## Environmental Specifications for physical Tanium appliances

	Dev	Small	Medium	Large	Extra Large
Input Voltage/Frequency	100-240VAC/50-60 Hz				
Current	3.5 Amps	3.5 Amps	3.5 Amps	10 Amps	10 Amps
BTU dissipation	2559 BTU/hr max	2559 BTU/hr max	2559 BTU/hr max	6000 BTU/hr max	6000 BTU/hr max
Operating Temperature	50°F to 95°F 10°C to 35°C				
Operating Altitude	< 10K ft (3048m)				

## Dimensions for physical Tanium appliances

	Dev	Small	Medium	Large	Extra Large
Form Factor	1 Rack Unit (Std Rack)	1 Rack Unit (Std Rack)	1 Rack Unit (Std Rack)	3 Rack Units (Std Rack)	3 Rack Units Std Rack)
System Dimensions	19W (mounting flange) x 17.1W (system case) x 29D x 1.7H inches (482W x 434W x 737D x 43H mm)			19W (mounting flange) x 17.1W (system case) x 32D x 5.1H inches (482W x 434W x 813D x 130H mm)	
System Weight	35 lb (15.9 kg)	38.9 lb (17.6 kg)	38.9 lb (17.6 kg)	110 lb (49.9 kg)	110 lb (49.9 kg)
Shipping Dimensions	24W x 36D x 10H inches (610W x 914D x 254H mm)			24W x 39D x 20H inches (610W x 940D x 508H mm)	
Shipping Weight	45 lb (20.4 kg) per Box	45 lb (20.4 kg) per Box	45 lb (20.4 kg) per Box	175 lb (79.4 kg) per Pallet	175 lb (79.4 kg) per Pallet

## Included in physical appliance box

- ReadyRails rack kit with Cable Management
- (1/DEV, 2/all other models) NEMA 5-15P to C13 Wall Plug 15Amp 10ft NA (250V rating for Large and XL)
- (1/DEV, 2/all other models) C13 to C14 PDU style 12Amp 6.5ft NA (250V rating for Large and XL)
- Tanium Hardware Addendum
- OEM Hardware Manual

## About Us

Tanium is a unified endpoint management and security platform proven in the world's most technically demanding organizations. Providing unparalleled speed, visibility, and scale, we serve half of the Fortune 100, top retailers and financial institutions, and four branches of the US Armed Forces, which rely on Tanium to make confident decisions, operate efficiently, and reduce risk. Tanium recently ranked 7th on the Forbes list of "Top 100 Private Companies In Cloud Computing For 2019," 10th on FORTUNE's list of the "100 Best Medium Workplaces" in the U.S., and 18th on the UK's Best Workplaces list. Visit us at [www.tanium.com](http://www.tanium.com) or follow us on LinkedIn and Twitter.