

## SECURITY VALIDATION COMPONENT REQUIREMENTS OVERVIEW

The following tables describe the system requirements for the Validation Platform components. See the respective pages for full details.

### Linux Actors

Linux Actors can be installed as **Network Actors** (<https://docs.mandiant.com/home/msv-network-actor-requirements>) or **Endpoint Actors** (<https://docs.mandiant.com/home/msv-endpoint-actor-requirements>).

Requirements	Installed using a VM (OVA, AMI, or VHD)	Installed using Installable Software
CPU Architecture	64-bit x86	64-bit x86
Processor Cores	2	2
Memory (GB)	2*	2*
Disk Storage (GB)	60 (4.14.0.0 and later) 20 (4.13.0.0 and earlier)	20
Network Interfaces	2	2
Static, Routable IP	2	2
Operating System	n/a, Embedded Linux	See <b>Network Actors</b> ( <a href="https://docs.mandiant.com/home/msv-network-actor-requirements">https://docs.mandiant.com/home/msv-network-actor-requirements</a> ) or <b>Endpoint Actors</b> ( <a href="https://docs.mandiant.com/home/msv-endpoint-actor-requirements">https://docs.mandiant.com/home/msv-endpoint-actor-requirements</a> ).

\* If your Actor acts as a proxy for another Actor, make sure the Actor has a minimum 8 GB memory before applying the security patch.

### Microsoft(R) Windows(R) and Apple(R) Macintosh(R) Actors (<https://docs.mandiant.com/home/msv-endpoint-actor-requirements>)

Requirements	Windows	Macintosh
CPU Architecture	64-bit x86, all other supported OS	64-bit x86
Processor Cores	Does not require dedicated resources of a core	Does not require dedicated resources of a core
Memory (GB)	4	2
Disk Storage (GB)	20	20
Network Interfaces	1	1
Static, Routable IP	n/a <sup>1</sup>	n/a <sup>1</sup>

Requirements	Windows	Macintosh
Operating System	See <b>Endpoint Actors</b> ( <a href="https://docs.mandiant.com/home/msv-endpoint-actor-requirements">https://docs.mandiant.com/home/msv-endpoint-actor-requirements</a> ).	See <b>Endpoint Actors</b> ( <a href="https://docs.mandiant.com/home/msv-endpoint-actor-requirements">https://docs.mandiant.com/home/msv-endpoint-actor-requirements</a> ).

<sup>1</sup>Static IP addresses are preferred for Endpoint Actors; while Actors can register with a dynamically assigned IP address, job execution may not occur if the Actor IP addresses change due to the security methods used in the Actor registration process.

**Protected Theater** (<https://docs.mandiant.com/home/msv-protected-theater--system-requirements>) and **Protected Actor** (<https://docs.mandiant.com/home/msv-protected-actor-minimum-system-requirements>)



If you use PT in a VM, nested virtualization must be supported (AWS EC2 does not support nested virtualization).

Requirements	Protected Theater	Windows Protected Actor	Linux Protected Actor
CPU Architecture	64-bit x86	64-bit x86, all supported OS	64-bit x86
Processor Cores	4 +OS req	Does not require dedicated resources of a core	Does not require dedicated resources of a core
Memory (GB)	8 +OS req	4	2
Disk Storage (GB)	30 +3x disk image size	10	10
Network Interfaces	1	1	1
Static, Routable IP	1	N/A	Preferred <sup>1</sup>
Operating System	N/A; Embedded Virtualization Platform. Windows versions listed under Protected Actor can be imported into PT	See <b>Protected Actor Minimum System Requirements</b> ( <a href="https://docs.mandiant.com/home/msv-protected-actor-minimum-system-requirements">https://docs.mandiant.com/home/msv-protected-actor-minimum-system-requirements</a> ).	See <b>Protected Actor Minimum System Requirements</b> ( <a href="https://docs.mandiant.com/home/msv-protected-actor-minimum-system-requirements">https://docs.mandiant.com/home/msv-protected-actor-minimum-system-requirements</a> ).
Open Ports	6080 (to use the console)	N/A	N/A



When using a Linux Protected Actor, Protected Rules may be required to be able to reach required OS repositories (RHEL for example).

**Director** (<https://docs.mandiant.com/home/msv-director-system-requirements>)

Requirements	Installed using a VM (OVA, AMI, or VHD)	Installed using Installable Software
CPU Architecture	64-bit x86	64-bit x86
Processor Cores	4	4
Memory (GB)	16	16
Disk Storage (GB)	500 (4.14.0.0 and later) 160 (4.13.0.0 and earlier)	160
Network Interfaces	1	1
Static, Routable IP	1	1
Operating System	N/A; Embedded Linux	See <b>Director System Requirements</b> ( <a href="https://docs.mandiant.com/home/msv-director-system-requirements">https://docs.mandiant.com/home/msv-director-system-requirements</a> ).