

## Virtual Systems (VTx) Deployment

<https://campus.barracuda.com/doc/98223580/>

Barracuda SecureEdge appliances are available as images for the most common hypervisors.

In order to guarantee optimal performance, Barracuda Networks highly recommends that the CPU of your hypervisor supports the AES-NI instruction set. However, SecureEdge units also work on hypervisors with CPUs that do not support the AES-NI instruction set, though the units are slower.

### Virtual Appliances

	VT100	VT500	VT1500	VT3000	VT5000
<b>PERFORMANCE</b>					
Site performance up to...	300 Mbps	700 Mbps	1.5 Gbps	3.8 Gbps	9.3 Gbps
Recommended no. of users	50-100	150-300	300-1000	1000-4000	6000-9000
Concurrent sessions	80000	250000	500000	2100000	4000000
New session/s	8000	12000	20000	115000	190000
<b>HARDWARE</b>					
Licensed vCPUs	2	4	8	10	up to 32
Virtual NICs	5-16x	5-16x	5-16x	5-16x	5-16x

### System Requirements

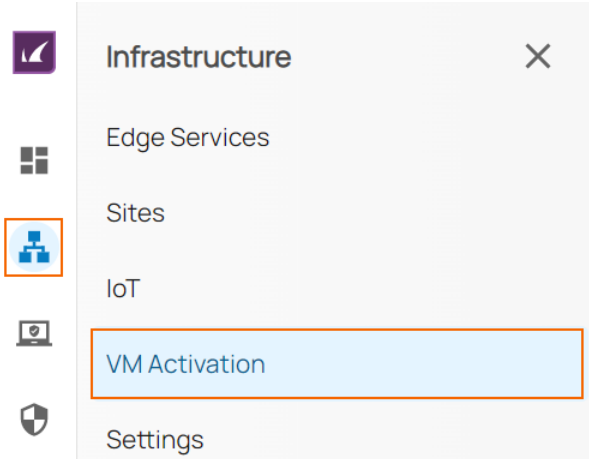
CPU	Minimum Memory [GB]
The number of CPUs depends on the VT license (VT models)	4

RAM is not restricted by license. It is recommended to increase by at least 2 GB per added CPU core.

### Step 1. Complete Your Data in the VM Activation Form

This step is necessary only for the first time you use a virtual machine image.

1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. Go to **Infrastructure > VM Activation**.



3. The **VM Activation** blade opens. Fill in your details, and click **Save**.

## Step 2. Deploy the Virtual Machine Image on Your Hypervisor

If the Internet connection of the virtual appliance is secured by a firewall, verify that SSL Inspection is disabled.

1. Go to <https://dlportal.barracudanetworks.com/> and download the image for your hypervisor.
2. Deploy the image on your hypervisor. For more information, see [How to Deploy a SecureEdge VTx on Hyper-V](#), [How to Deploy a SecureEdge VTx on KVM](#) and [How to Deploy a SecureEdge VTx OVA on VMware Hypervisors](#).

## Figures

1. inf\_act.png

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