

# ESXi Embedded Host Client

<https://labs.vmware.com/flings/esxi-embedded-host-client>

## SUMMARY

The ESXi Embedded Host Client has been officially released for ESXi 5.5, ESXi 6.0 and ESXi 6.5. We continue to release Flings versions with the latest bug fixes and features.

The ESXi Embedded Host Client is a native HTML and JavaScript application and is served directly from your ESXi host! It should perform much better than any of the existing solutions.

Please note that the Host Client cannot be used to manage vCenter.

We welcome any feedback and bug reports. You can post your feedback here on the VMware Labs site, in the VMware.com community forums, or using the Host Client's built-in Feedback tool under the Help menu.

Download the VIB [here](#). If you are looking to automate installation of the latest VIB, we also provide a copy of the latest VIB [here](#).

## Known Issues

- On hosts using ESXi 6.0 Update 1 or lower and ESXi 5.5 Patch 8 or lower which are assigned a VMware vSphere Hypervisor license (the free license from VMware.com), all modification operations will fail silently. This issue has been resolved in ESXi 6.0 U2 and 5.5 Patch 8.
- Hosts with ESXi 6.0 before Update 2 which have a sub-domain name with a combined cookie size of >8KB in-browser web console sessions may fail to initialize. A workaround is to clear cookies or run the host client in an incognito-type window, or alternatively, use the standalone VMware Remote Console application.
- For ESXi 5.5 hosts, in-browser consoles are not supported. Please use VMware Remote Console (VMRD) to access guest VM consoles.
- For ESXi 5.5 hosts before Update 2, you must ensure to append a trailing / (forward slash) to the URL after /ui. The URL must be `https://<esxhost>/ui/`

## What's missing?

The Embedded Host Client is currently undergoing development. We are working hard to bring the functionality level to that of the vSphere Client, but we're not there yet. Here's what we know is missing:

- Resource pool management
- Comprehensive performance chart UI with access to all performance counters
- Exporting performance counter data to Excel/CSV
- Multi-NIC vMotion configuration
- Deploying VMs from a URL
- Exporting VMs to an OVA

## Offline Bundles

- [Offline bundle for ESXi 5.x - esxui-offline-bundle-5.x-8122819.zip](#)
- [Offline bundle for ESXi 6.x - esxui-offline-bundle-6.x-8122819.zip](#)

*Always check a web site for the latest versions*

Offline bundles are packages that can be loaded into VMware Update Manager to facilitate easy installation of the Host Client onto a cluster of ESXi Hosts

## VMware Remote Console VIBs

- [VIB containing VMware Remote Console 9.0.0 for Mac OS](#)
- [VIB containing VMware Remote Console 9.0.0 for Windows](#)
- [VIB containing VMware Remote Console 9.0.0 for Linux](#)

Installation of the VMRC VIBs is optional and intended to facilitate downloading VMRC in situations where access to VMware.com is not possible. The VIBs are installed into the /locker partition of your host's locally attached disk. This partition has limited space, and so care should be taken to ensure that sufficient space is available. Each VIB is roughly 20 MB in size.

### Open source disclosure

We provide an open source disclosure package for the required packages.

- [Host Client open source disclosure package](#)

A complete open source disclosure can be found in the About dialog of the Host Client.

### Feedback

We welcome any feedback or bug reports. Please post here in the Comments or Bugs tab or in the VMware Technology Network [community forum](#).

### REQUIREMENTS

You must have a web browser installed with JavaScript and cookies enabled.

#### Browser compatibility

Supported Browsers	Mac	Windows	Linux
Chrome	25+	25+	25+
Firefox	20+	15+	15+
IE	x	10+	-
Opera	12+	15+	untested
Safari	5.1+	5.1+	-

### INSTRUCTIONS

#### Installation

The easiest way to install a VIB is to download it directly on the ESXi host. Alternatively, you can download it to your local machine and use scp to push it to your ESXi Host.

**All installation techniques require you to enable SSH on your ESXi host, using DCUI or the vSphere web client.**

If your ESXi host has internet access, you can install directly from URL.

```
ssh root@<esx ip or hostname> esxcli software vib install -v <URL>
```

where <URL> is the URL to the VIB from the VMware.com Flings website or somewhere you have locally hosted it.

If the VIB installation completes successfully, you should now be able to navigate a web browser to <https://<esx ip or hostname>/ui> and the login page should be displayed.

If you have downloaded the VIB to your local machine, you will need to push it to ESXi using scp.

```
scp /path/to/downloaded/vib/esxui.vib root@<esx ip or hostname>:/tmp  
ssh root@<esx ip or hostname> esxcli software vib install -v /tmp/esxui.vib
```

## Upgrade

```
ssh root@<esx ip or hostname> esxcli software vib update -v <path to VIB or URL>
```

You may need to clear the cache in your browser to see the updated version.

## Removal

To remove the ESXi embedded host client from your ESXi host, you can use esxcli.

```
ssh root@<esx ip or hostname> esxcli software vib remove -n esx-ui
```

## Other Resources

[Automate the Install of Embedded Host Client for ESXi Fling on all hosts in a cluster](#)

## CHANGELOG

<https://labs.vmware.com/flings/esxi-embedded-host-client#changelog>