

orcharhino

🔄 DEPLOY ⚙️ RUN ✅ CONTROL SIMPLIFY YOUR DATACENTER

orcharhino is THE solution for data center orchestration! Automate your deployment and configuration management, as well as your life-cycle and patch management. Use **orcharhino** to standardize your data center and manage your infrastructure in the cloud or on-premises through a unified interface. You can even manage desktop computers and IoT devices with it. Finally, more time for other projects!

orcharhino allows you to administer a huge number of hosts. The focus is on simplifying recurring tasks. You want to roll out new hosts? Define a configuration once and roll it out again and again with one mouse click. Want to install a new security patch on a few hundred hosts? Determine once which group of machines should get the patch, then roll it out to the selected group with one mouse click.

orcharhino is manufacturer independent. You can manage the following systems through it:



Deployment



You can roll out and configure new hosts, both physical and virtual, in a continuous process. After you have created a particular host configuration, you can use it to roll out the exact same host with the same configuration over and over again.

- Deploy virtual and physical hosts
- Attach common virtualization solutions like libvirt, Oracle Linux Virtualization Manager, oVirt, Proxmox, Red Hat Virtualization, and VMware vSphere
- Use cloud infrastructure, such as Amazon EC2, Google GCE, and Microsoft Azure
- Detect and connect new hardware to **orcharhino** automatically
- Install packages on managed and discovered hosts
- Provision hosts image based, network based, and boot disk based

Configuration Management



orcharhino can manage all configurations in your data center, from the operating system to databases and applications. No matter if you want to configure one individual host or hundreds: Everything is possible with just a few clicks. You can use **orcharhino** with the configuration management solution of your choice - Ansible, Puppet, or Salt. If you already have a solution in place, it can seamlessly be integrated into **orcharhino**.

The idea here is quite simple: Most data centers have more than one type of host in use, for example web servers, database servers, etc. Ideally, hosts of one group share the same configuration. You can define these configurations per type of host and roll them out automatically.

What Configuration Management solutions are available?

- Ansible
- Puppet
- Salt

In addition, **orcharhino** can execute preconfigured commands on any host. You can now drive automation even further.

Content and Patch Management



Content and patch management capabilities of **orcharhino** include the provisioning and version controlling of software packages. You can install updates and patches on managed hosts.

The principle is, again, simple: **orcharhino** can periodically synchronize any repositories of operating systems and applications. If a new patch or software package is available, **orcharhino** will let you know and help you take the next steps. All you have to do now is to decide whether you want to install the new packages and patches.

The icing on the cake is errata management. This functionality provides all available errata information for an operating system in a clear and easy-to-use overview. The system automatically checks if a new patch is available and notifies you about it. This allows you to maintain the security of your managed hosts with just a few clicks. We offer errata information for the most common operating systems or show you how to include them in **orcharhino**!

Unique selling points and benefits of **orcharhino**

- Professional support from the manufacturer
- Open-Source Software
- In-house tested updates, upgrades, and patches delivered with quality assurance
- Available on CentOS 7, Oracle Linux 7, and Red Hat Enterprise Linux 7
- Available as OVM image on CentOS 7 for VMware, OVM, and KVM
- Independent of your configuration management solution (Ansible, Puppet, Salt)
- Manage Linux hosts running:
 - AlmaLinux 8 and 9
 - Amazon Linux 2
 - CentOS Linux 7 and CentOS Stream 8 and 9
 - Debian 10 and 11
 - Oracle Linux 7, 8, and 9
 - Red Hat Enterprise Linux 7, 8, and 9
 - Rocky Linux 8 and 9
 - SUSE Linux Enterprise Server 11 SP4, 12 SP4, 12 SP5, 15, 15 SP1, 15 SP2, 15 SP3, and 15 SP4
 - Ubuntu 18.04, 20.04, and 22.04
- **orcharhino** Clients for Ubuntu 20.04 and 22.04 on ARM
- **orcharhino** Clients for SLES 15 SP1, 15 SP2, 15 SP3, and 15 SP4 on PPC
- Deploy and configure Microsoft Windows Server 2016, 2019, 2022, and Windows 10
- Unified dashboard for a quick overview of managed hosts including warnings from configuration management reports and security relevant updates
- Automated synchronization of repositories with local storage
- Updates for managed hosts without access to public networks through **orcharhino**
- Manage Unbreakable Linux Network (ULN) repositories from Oracle
- German-language management UI for Ansible and Puppet
- Deployment of bare metal servers over the network using PXE and TFTP
- Authentication to Microsoft Active Directory, updating (with authentication via Kerberos) of DNS entries in Microsoft Active Directory possible
- Centrally stored configuration data of managed hosts
- Schedule and automatically execute asynchronous security updates and configuration jobs
- Automated updates for groups or individual hosts simultaneously or in batches
- Complete overview and regular reports on the status of your managed hosts
- Webhooks Plugin: Trigger a user-defined webhook when a specific internal event occurs
- Standardized configurations for operating systems and applications
- Automatic status reports of managed hosts through dashboard and email
- Assignment of rights to users or user groups based on locations and organizations
- Graphical user interface (GUI), command line interface (CLI) and application programming interface (API)
- Linking of users or user groups with LDAP, FreeIPA and Active Directory

System requirements

	Minimum	Recommended
CPU	4	8+
RAM	20 GiB	32 GiB
HDD /	30 GiB	50 GiB
HDD /var	~ 40 GiB for each major version of AlmaLinux, Amazon Linux, CentOS, Oracle Linux, RHEL, Rocky Linux, and SLES ~ 80 GiB for each major version of Debian and Ubuntu	500 GiB+ if you plan to maintain additional repositories or keep multiple versions of packages
Operating System	A host running CentOS 7, Oracle Linux 7, or Red Hat Enterprise Linux 7; Alternative: use our OVA image with orcharhino on CentOS 7	

For more information, see [Prerequisites and System Requirements](#) in the **orcharhino Server Installation Guide.**

For more questions, don't hesitate to reach out to us:

ATIX AG is a leading provider of Linux & Open Source solutions for data centers. We believe in open standards and deliver customized Linux & Open Source solutions for your business success.

Meanwhile, more than 1,000 companies are among our customers and as a young, ambitious company we have set our sights on the future.

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