



## Release 8.0 Bulletin

### Comprehensive multi-cloud support

In addition to vCenter and AWS, CloudShell 8.0 supports Azure and OpenStack App deployment and connectivity. If you use or plan to use OpenStack or Azure infrastructure, 8.0 is just for you. CloudShell supports tracking the spend in Azure using tags, same as in AWS, to make sure you stay in control on-prem as well as in the public cloud.

### Configuration Management and App enhancements

We have added support for App configuration management, using a custom script or an Ansible playbook. In addition we have made various enhancements to Apps and CloudShell's virtualization capabilities, such as allowing regular users to edit some App details in blueprints, drop down selection of cloud provider when building an App, cloud selection when dragging an App to a blueprint and support for vCenter promiscuous mode.

### Developing Shells and Orchestration?

In 8.0 we introduce the 2<sup>nd</sup> generation of Shells. The new generation is based on the TOSCA standard, and designed as a standard entity that is easier to develop, maintain and manage. Management of 2<sup>nd</sup> generation Shells is done via the CloudShell web portal, making it possible to centrally manage, update and remove unused Shells. Your existing first generation Shells will continue to function as before, side by side with the 2<sup>nd</sup> generation shells.

A new Dev guide for 2<sup>nd</sup> generation Shells is available on our community.

### Default terminology

CloudShell portal's default terminology is changing, after testing the new terminology over the past 6 months and receiving great feedback from our customers. Starting with 8.0, "Environments" are called "Blueprints", and "Reservations" are called "Sandboxes". We feel that this terminology better reflects a world where a large part of the infrastructure is virtualized, and has to be spun up upon demand, and not necessarily reserved. We feel that it also makes it clearer that an environment is not live, but rather a design document that can be used again and again to spin up sandboxes.

The portal's terminology can be customized if you would like to change it for any reason.

### Improved SSO support

8.0 offers an enhanced Single Sign On (SSO) support, which allows more SAML security features and integration with more Identity Providers (IDPs).

### Ease of use

We are continuously working on improving the experience for CloudShell admins, blueprint designers and end users. Release 8.0 introduces some great enhancements:

### Blueprint Max Reservation time

In 8.0 it is possible to define a maximum duration for each blueprint, in addition to user and domain based restriction. This allows to better control the use of blueprints.

### Advanced Search Improvements

In 8.0 we have implemented some advanced search features from the Idea Box. When searching for a resource to add to a blueprint, the advanced search will only show the relevant families for the domain user. The advanced search criteria screen is now collapsible to optimize the space for viewing the search results. Advanced search in blueprints now targets only searchable resources.

### Additional feature requests and ideas

In 8.0 it is possible to sort and resize columns in table views. The Output window now allows resizing and also shows a counter of unread entries. 8.0 also supports separate branding per domain. This release also includes some QualiX security enhancements and bug fixes, and support for Ranorex 6.X.

## More supported shells

Providing more out-of-the-box Shells allows getting to value faster with CloudShell. The 8.0 list includes upgrades to Cisco IOSXR, Cisco NXOS, Cisco IOS, Raritan PDU, Brocade NetIron, Brocade FasIron, Spirent test center and more.

## We want your Feedback and ideas!

We hope that the changes we are introducing in Release 8.0 will make your job easier. We have heard your feedback in the past and we are doing our best to build our product to meet your needs. If you have any feedback for us, whether positive or negative, we would love to hear it. In our [Community](#) you can find and share Shells, Orchestration and plugins, share ideas or vote for other users' ideas, interact with others and influence. If you need help from our support team, please open a support ticket at [support.quali.com](https://support.quali.com).

We look forward to seeing you in our Community!