

Accelerate provisioning of z/OS middleware with IBM Cloud Provisioning and Management

0:01 Hi, I'm Hiren Shah from Poughkeepsie, New York, home of IBM Z and z/OS.

0:06 Today we will talk about cloud provisioning and management for z/OS.

0:11 So why are customers looking at cloud solutions? In one simple word: agility.

0:17 Businesses cannot afford to wait for computer infrastructure delivered at traditional speeds, which could take days or weeks.

0:23 Let's take a look at how the development environment is provisioned on z/OS with traditional technology.

0:30 Each time a new application is being developed, developers discuss their techniques with middleware system programmers who then create a proposal for a test environment.

0:40 Key players like z/OS system programmers and security administrators review the proposal and approve it.

0:46 z/OS resource allocation requests then get scheduled for various administrators.

0:52 Days go by and finally when all z/OS resources are defined, middleware system programmer configures and tests the environment.

0:59 Once the test environment is ready, application developers can now start their test.

1:05 This is a very frustrating experience for z/OS developers compared to how provisioning is handled in the cloud.

1:12 Typical experience with the cloud is self-service provisioning.

1:16 Application developers go into the provider portal, select the application, provide the credit card, and provision the required service.

1:25 The provisioned service can then be managed using the web browser, and can be deleted when no longer required.

1:31 What if we provided you with a toolkit that allows you to provision z/OS software as a service?

1:39 This is exactly what we have done with Cloud Provisioning and Management, which is a no charge feature of z/OS available with z/OS release 2.1 and onwards.

1:47 We also provided a self-service portal in z/OSMF to support provisioning z/OS middleware and middleware resources.

1:56 You may not use this technology in a production environment, but how about dev test?

2:02 Your developer may need the environment at 2 AM, but you may be asleep.

2:07 So how does self-service provisioning work on z/OS?

2:11 Using z/OSMF and IBM-provided service templates, a middleware system programmer creates and customizes a template for a specific middleware.

2:21 Then he gets approval for the template and works with z/OS administrators to build a resource pool for the middleware service.

2:28 Once the resource pool is defined, the middleware system programmer tests the template and publishes it in the z/OSMF service catalog.

2:35 Using the self-service portal, application developers will be able to access the middleware services that are available in the software services catalog.

2:44 With the click of a button, they can start the provisioning process and monitor the progress.

2:48 Within a few minutes, the development environment will be provisioned and developers will be able to manage their environment from the web browser.

2:56 They can also de-provision it when no longer required.

3:00 With self-service and rapid provisioning technology, available now on z/OS, you will be able to increase developer's agility and efficiency.

3:10 Earlier to build means earlier to market and win the competition. Thank you for watching.