



**ORACLE®**

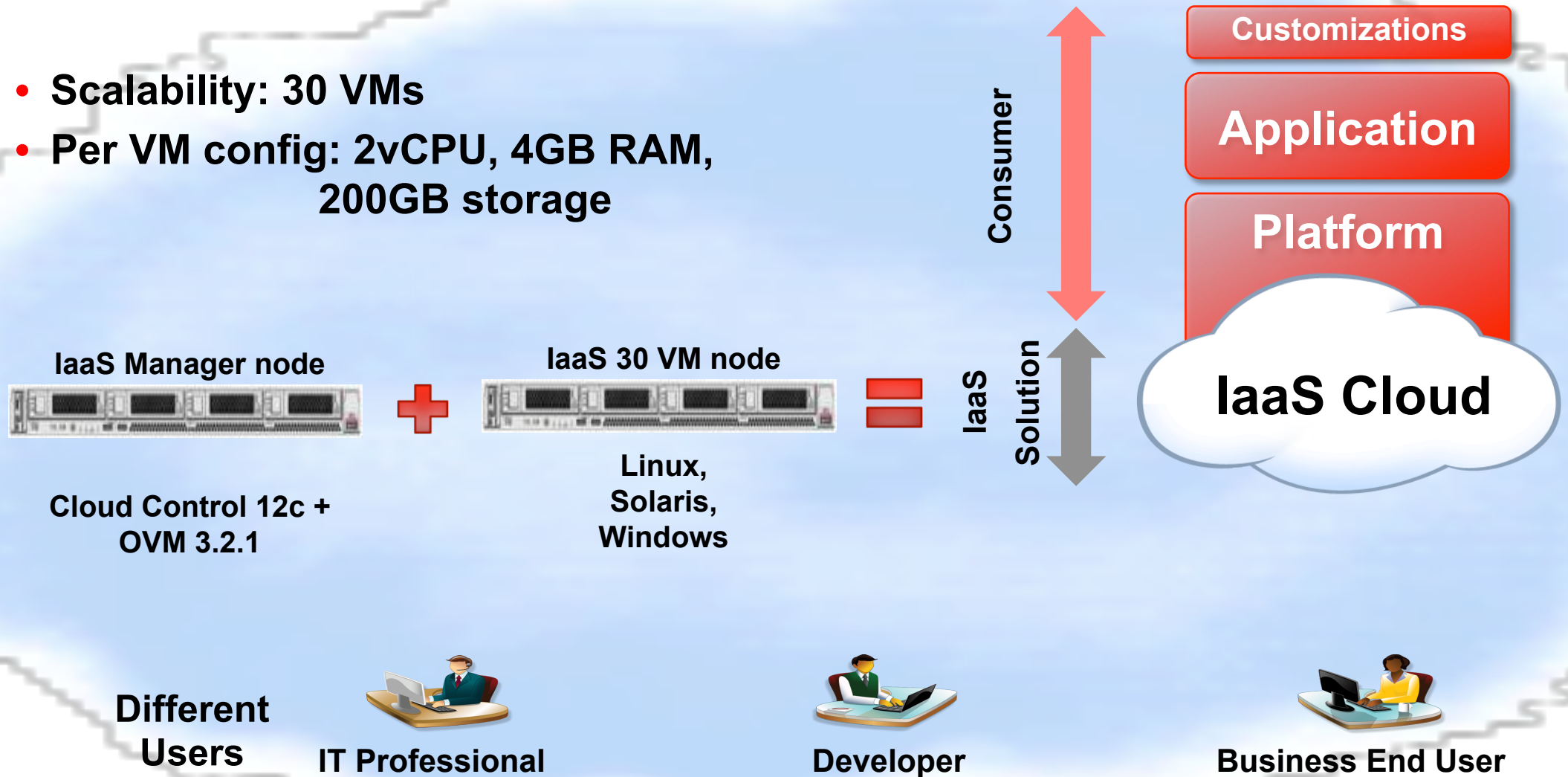
## **Enterprise Manager Cloud Control 12c** Installation

Your Name

Your title

# Non-cluster Configuration

- Scalability: 30 VMs
- Per VM config: 2vCPU, 4GB RAM, 200GB storage



# Installation Steps

- Step1: Configure Internal HDD Virtual Drives
- Step2: Install Oracle Linux 5U8 OS on Management Node
- Step3: Install OVM Manager 3.2.1 on Management Node
- Step4: Install Oracle Database 11gR2 on Management Node
- Step5: Install Oracle Cloud Control 12c on Management Node
- Step6: Install OVM Server 3.2.1 on VM Node
- Step7: Discover OVM Server and Create Repository using OVM Manager GUI
- Step8: Setup Cloud Control 12c

# Internal HDD Configuration

- Management Node
  - To run OVM Manager and EM Cloud Control 12c
  - 4x 600HDD
  - Virtual Drive recommendation: Raid 0+1
- VM Node
  - To run OVM Server 3.2.1
  - 8x 3TB HDD
  - Virtual Drive recommendation: Raid 0+1
  - Virtual Drive 0: 100GB for hypervisor
  - Virtual Drive 1: 12TB for OVM repository

**ILOM: http://IP\_ADDRESS, user:root, password: changeme**



https://10.101.100.221/irages/i\_login.asp

ABOUT

ORACLE

Java™

Oracle® Integrated Lights Out Manager

SP Hostname: ORACLESP-1111FMM0AG

User Name:

Password:

Log In

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# ILOM: Redirect Video Console

https://10.101.100.221/irages/sunlab.asp

ABOUT 1 Warning REFRESH LOG OUT

User: root Role: aucro SP Hostname: ORACLESP-1111FMM0AG

Oracle® Integrated Lights Out Manager

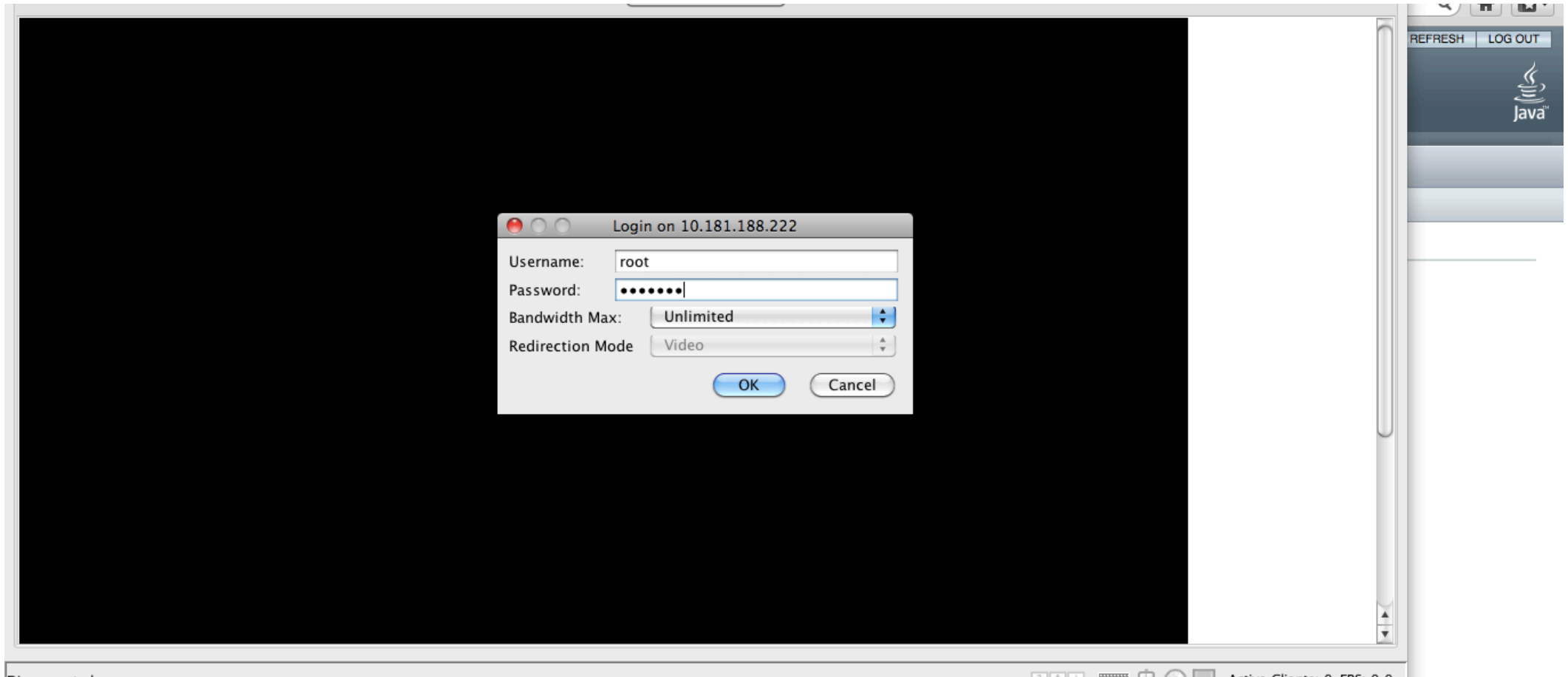
System Information System Monitoring Power Management Storage Configuration User Management Remote Control Maintenance

Redirection KVMS Remote Power Control Diagnostics Host Control


## Launch Redirection

Manage the host remotely by redirecting the system console to your local machine. Launch the Oracle® Integrated Lights Out Manager Remote Console to utilize the RKVMS features.

# JavaRConsole



# Raid Controller Setup - ^H

Adapter No.	Bus No.	Device No.	Type	Firmware Version
0. 	13	0	LSI MegaRAID SAS 9261-8i	2.90.03-0933



# Clear old configuration (if any)


Configuration Wizard guides you through the steps for configuring the MegaRAID system easily and efficiently. The steps are as follows:

1. Drive Group definitions Group drives into Drive Groups.
2. Virtual Drive definitions Define virtual drives using those drive groups.
3. Configuration Preview Preview configuration before it is saved.

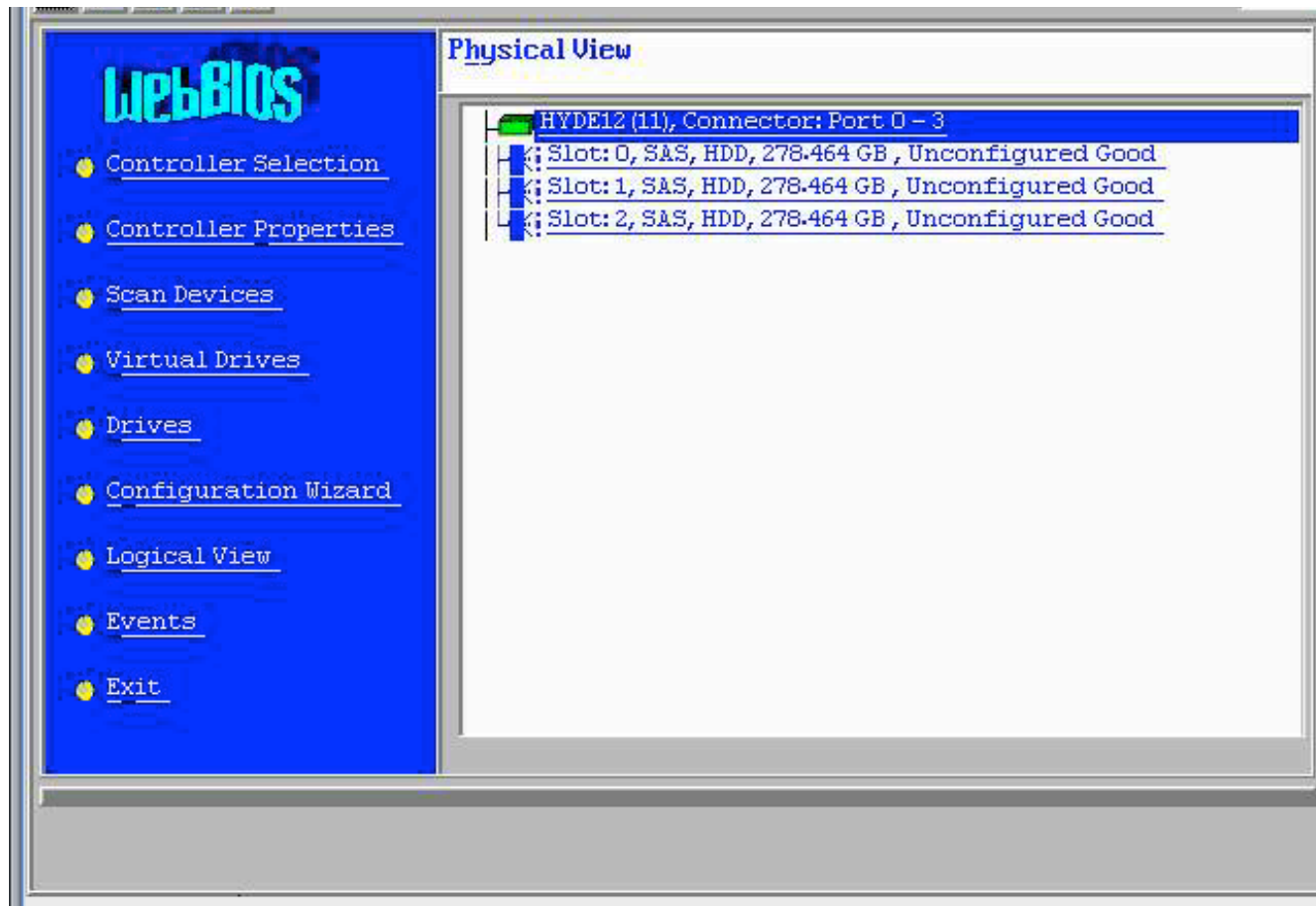
Please choose appropriate configuration type :

- ☒ **Clear Configuration** Allows you to clear existing configuration only.
- ☐ **New Configuration** Clears the existing configuration. If you have any existing data in the earlier defined drives, the data will be lost.

 **Cancel**

 **Next**

# Start Configuration Wizard



# New Configuration


Configuration Wizard guides you through the steps for configuring the MegaRAID system easily and efficiently. The steps are as follows:

1. Drive Group definitions Group drives into Drive Groups.
2. Virtual Drive definitions Define virtual drives using those drive groups.
3. Configuration Preview Preview configuration before it is saved.


Please choose appropriate configuration type :







- ☐ Clear Configuration Allows you to clear existing configuration only.
- ☒ New Configuration Clears the existing configuration. If you have any existing data in the earlier defined drives, the data will be lost.
- ☐ Add Configuration Retains the old configuration and then adds new drives to the configuration. This is the safest operation as it does not result in any data loss.




 Cancel

 Next

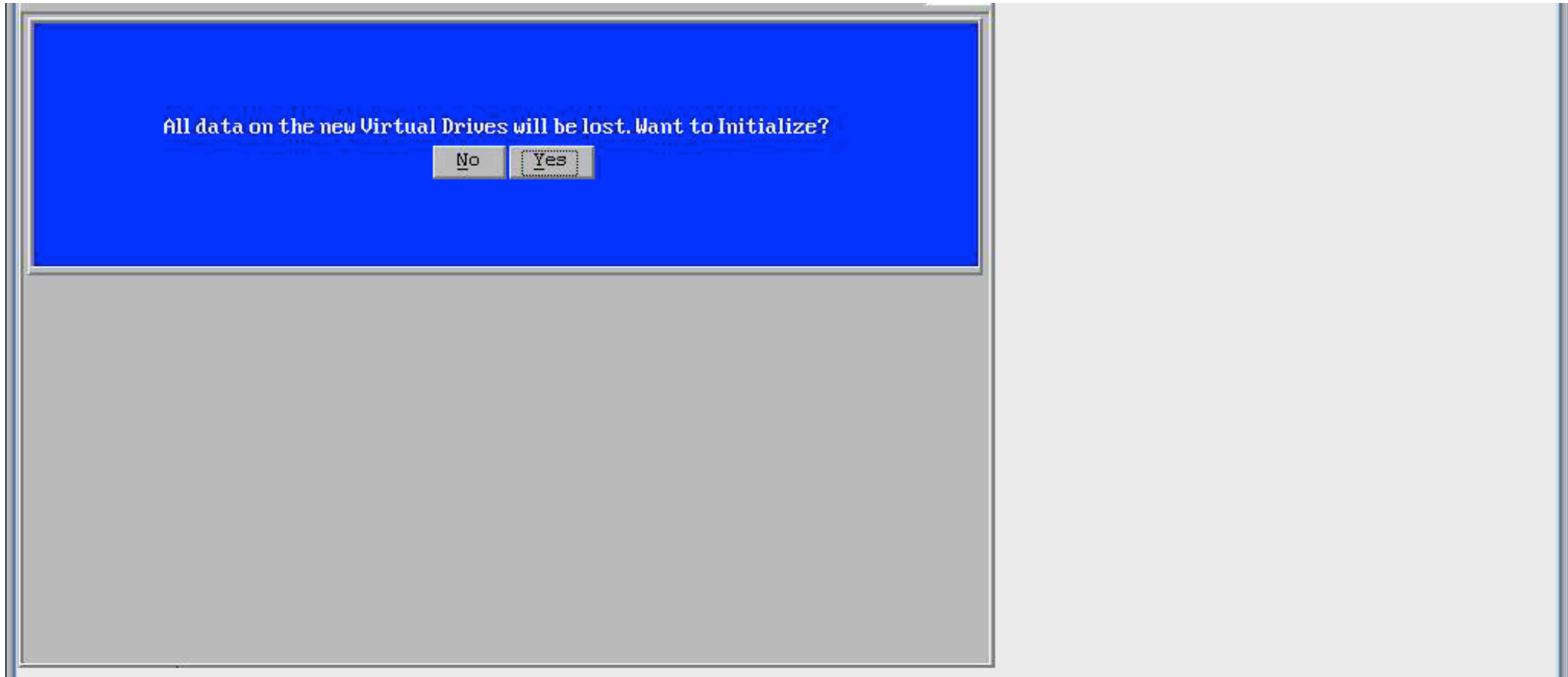
# Create VirtualDrive

 **Configuration Preview:** This is the configuration defined. Click ACCEPT to save this configuration.

Drives	Virtual Drives
 HYDE12 (11), Connector: Port 0 - 3 <ul style="list-style-type: none"><li> Slot: 0, SAS, HDD, 278.464 GB, Online</li><li> Slot: 1, SAS, HDD, 278.464 GB, Online</li><li> Slot: 2, SAS, HDD, 278.464 GB, Online</li></ul>	 Drive Group 0 <ul style="list-style-type: none"><li> Virtual Drive0: RAID 835.394 GB</li></ul>

 Cancel  Back  Accept

# Initialize Virtual Drive



# New Virtual Drive Ready

