DEPARTMENT FOR OPERATING SYSTEMS

Data Storage Systems

Lab01-DAS Configuration and Windows Server 2016 installation

REV 2.0

Content

Introduction

In today's exercise, we'll learn how to connect local disks into RAID system onto which we will install Windows Server 2016 using **PXE boot** option.

Before exercise

1. Determine which HW server is given to You
2. Connect network cables for iLO and PXE boot (plugin 1st network and iLO interface). Connect power cord also.
3. Write down IP adress and server number into table with Your name assigned to it.

Tasks

Using iLO IP address with Internet Explorer on local PC check and optionally reconfigure RAID1 on server.

1. After power on using iLO connect to remote console and go inside disk controller BIOS (notice right combination of keys). Check and reconfigure disks so that You have RAID1 (mirror).
2. Verify that boot is configured inside disk controller BIOS and inside server BIOS.

Second part is starting installation of Windows Server 2016.

1. During boot choose Network PXE boot. Choose win2k16test option during boot.
2. Configure provided IP address with subnet mask of 24 bit and GW 10.10.7.254, DNS1 10.10.7.253 DNS2 8.8.8.8
3. Hostname should be like ISCSISRV-XY (XY are Your initials).
4. Disable Windows Update Service and configure RDP access. Test RDP access.
5. Shutdown Server