

Cloud based IT Infra with Central Identity

New Project proposal

Team r3b00+

July 30, 2014

Outline

- 1 Introduction
- 2 Architecture
- 3 Present System
- 4 Proposed System
- 5 Advantages
- 6 Questions

Introduction

To construct new Cloud based IT Infra with Central Identity.

Outline

- 1 Introduction
- 2 Architecture**
- 3 Present System
- 4 Proposed System
- 5 Advantages
- 6 Questions

Architecture

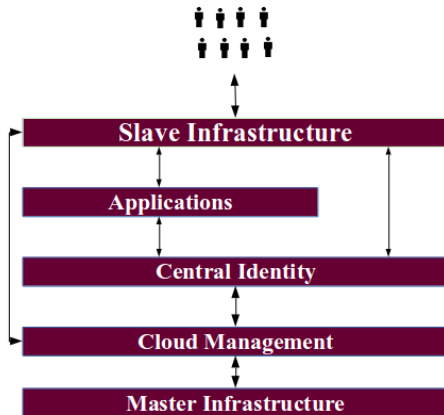


Figure : Architecture

Outline

- 1 Introduction
- 2 Architecture
- 3 Present System**
- 4 Proposed System
- 5 Advantages
- 6 Questions

Present System

- Failed to maintain large user load web services like ONB, Exam servers,...
- No proper Web Application Security & Standards.
- No Central Identity, Storage & High Resource pool.
- Inadequate Research requirements.
- Dedicated computer course labs.

Outline

- 1 Introduction
- 2 Architecture
- 3 Present System
- 4 Proposed System**
- 5 Advantages
- 6 Questions

Proposed System

- Cloud based hardware resources clustering.
- Central Identity for all users to access Network based Applications by providing well structured & documented API.
- Dynamic user roles in Central Identity for extended application support.
- New CPanel for Network Administration.
 - Providing different user modes in OS, controlled remotely from CPanel.
 - Providing Virtual Labs (machines) with desired resource capabilities.
 - Providing a right to verify and approve user application requests.

Outline

- 1 Introduction
- 2 Architecture
- 3 Present System
- 4 Proposed System
- 5 Advantages**
- 6 Questions

Advantages

- Well structured & controllable Network Administration
- Efficient hardware utilization
- No registration for new Network based applications through Central Identity API
- Providing Virtual Machines with high hardware configuration for Researchers & Developers

Outline

- 1 Introduction
- 2 Architecture
- 3 Present System
- 4 Proposed System
- 5 Advantages
- 6 Questions**

Questions

Thank you