Integrated Management

From HUIT Architecture Advisory Group

Contents

[hide]

Integrated Management

A key element of the HUIT Enterprise Architecture effort is the creation of an Integrated Management System. On these pages you will find information about this major element of the program. Please review the presentation on an Integrated Management System for an overview of the Integrated Management System background and objectives.

Project Integer

For more than 25 years, networks and the elements that comprise them, such as routers, firewalls, load balancers, name servers, middleware, database servers and the applications that use them have grown in number and complexity. Project Integer is our attempt to integrate all of the functions performed by different tools that configure and manage our systems and applications into one cohesive system. Please review The Harvard Integrated Management System - Project Integer for more details on the scope and approach.

Building Blocks

The diagram below illustrates key building blocks of the system that we will develop.
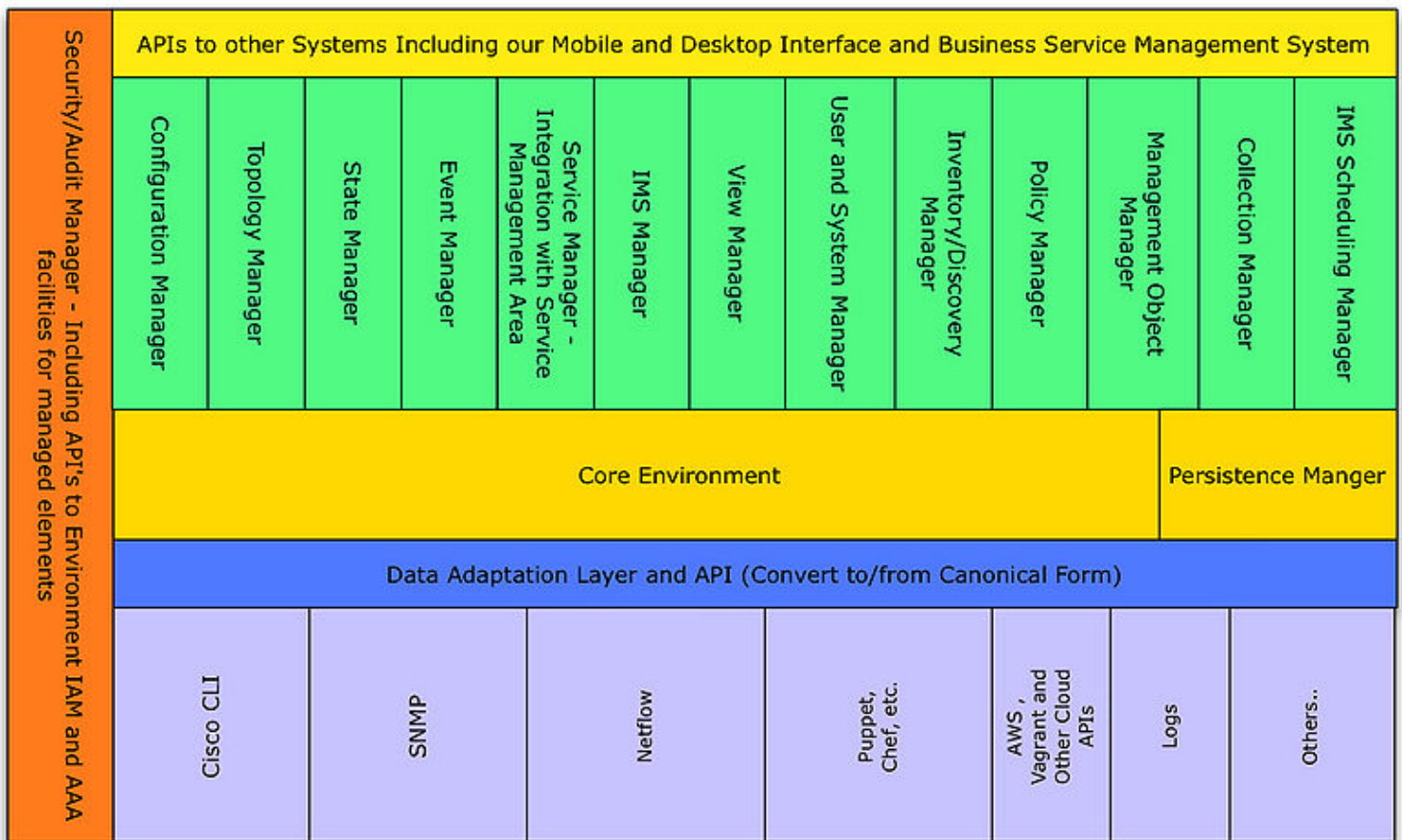
Jon Saperia - 9/4/2013 - v1.2

High-Level view of the HUIT Integrated Management environment

Authorization and Access Model

Integer (the project name) is a system that protects our critical services AND is flexible in terms of our user needs and changing technologies. The Authentication and Authorization Model that has been developed is intended to be a foundational element in delivery of this protection and flexibility.

User Interface

The nature of the Integer project is such that many different types of users performing a number of functions will require access to the system. These differences, along with changes in technology suggest that we look at different approaches and overall requirements before embarking on implemenation using any combination of technologies. The Integer User Interface General Objectives and Requirments document is not a set of user interface requirements. It is intened to ensure we have carefully considered the range of users and general requirements of the inteface as we begin the technology evaluation process for the Integer human interface.

Current Initial Release - Working Draft Functions

This [Integer First Release Functions and Objectives](#) document outlines an initial set of functions, the objective of which is to be the first step in a phased replacement of a number of stove pipe systems that range from expensive proprietary solutions to scripts that are more than 10 years old. The initial target for deployment is the end of September 2014.

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