

SUSE Linux Enterprise 11 Systems Management

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Agenda

- Update stack
- CIM-based management
- Technology previews
- Subscription Management Tool (SMT) support
- Novell Customer Center (NCC) support
- Q & A

SUSE Linux Enterprise Update Stack



- Low-latency update stack
 - Zypp is the core of our new software management stack powering YaST, Zypper, and ZENworks with powerful package management and a convenient, standards-based package management API
 - The fastest update stack available on any enterprise distribution saves precious (and costly) administrator time
 - > shortest wait for installs to complete vis-a-vis Yum
 - > deltaRPM technology reduces download time
 - Community standards: PackageKit UI and API support built-in

SUSE Linux Enterprise Package Management Interfaces



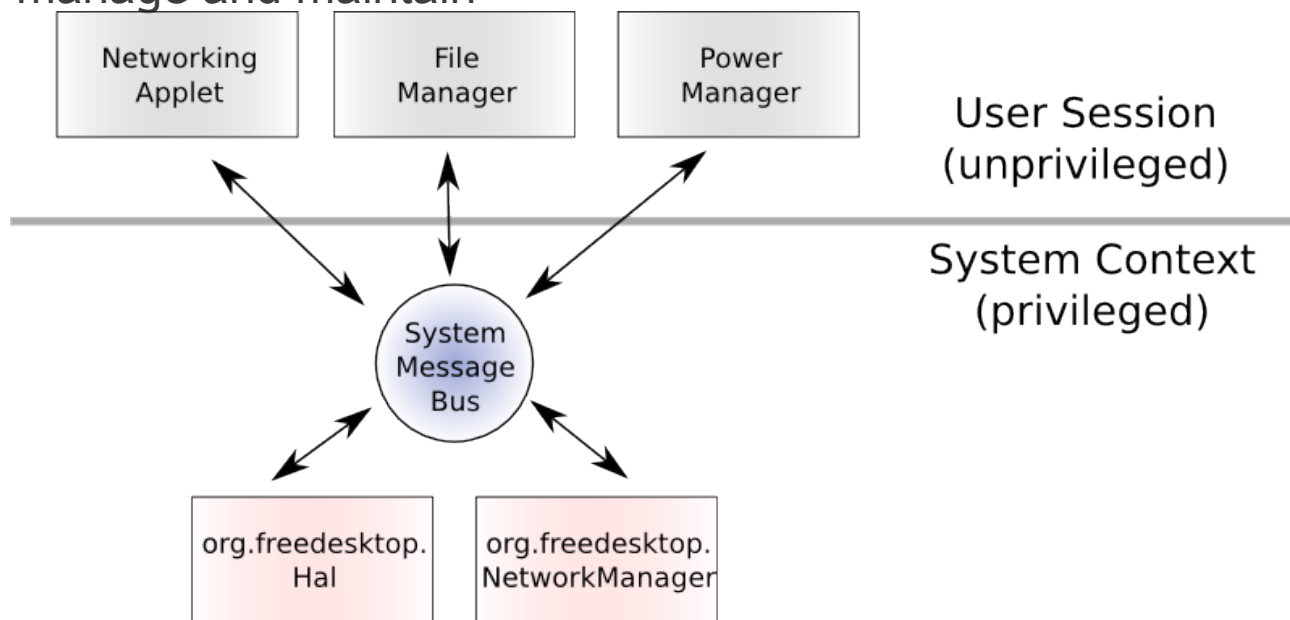
- All the tooling is backed by the new libzypp, libsatsolver libraries providing unprecedented speed for RPM-based software management and guaranteeing identical operation across all tools
- PackageKit
 - An emerging community standard providing a common UI across the leading distributions, as well as an API to access core functionality
 - Trivial to use, enables anyone to update their system
 - Allows unprivileged access where desired via PolicyKit
- Zypper
 - Fully fledged, powerful command-line interface
- YaST
 - Fully fledged, powerful GUI interface

SUSE Linux Enterprise Policy-driven Security Framework



- PolicyKit

- Application-level toolkit for defining and handling policies that allow unprivileged processes to speak to privileged processes
- Policies are expressed in XML making them very easy to manage and maintain



SUSE Linux Enterprise Standards Driven Infrastructure



- With SLE 11, Novell is integrating CIM management infrastructure enablement into the SLE product line
 - Small Footprint CIM Broker (SFCB)
 - Storage Management Provider (SMI-S Profile, libstorage)
 - Virtualization Management Provider (libvirt)
 - Power Management Provider (power state profile)
 - Tech preview: Software Management Provider (PackageKit)
- SLE 11 seeds the ground for the development of standards-based management tools that can integrate with SLE's core libraries over CIM.

SUSE Linux Enterprise Technology previews



- With SLE 11 GA, Novell is including a glimpse of a few upcoming technologies of key enterprise significance
 - tech preview: YaST as Web Service Interface enablement
 - > allows remote, web-based access to YaST's facilities
 - > enables development of remote configuration console
 - tech preview: Puppet
 - > Puppet provides configuration policy tooling rapidly emerging as a potential *nix-wide management standard
 - tech preview: Software Management CIM provider
 - > a CIM provider exposing the PackageKit API to network consumers

SUSE Linux Enterprise

add-on: **Subscription Management Tool**



- The Subscription Management Tool (SMT) is a local package proxy tightly integrated with Novell's support infrastructure
 - saves bandwidth
 - preserves firewall perimeter
 - helps automatically assign serial codes to devices
 - preserves Novell Customer Center functionality
 - enables high-security disconnected operations
 - facilitates tracking your deployment or migration
 - included at no cost in SLE entitlement
 - SMT add-on product will support SLE 11 as a client

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SUSE Linux Enterprise Novell Customer Center



- The Novell customer center remains at the center of Novell's relationship with its subscription customers
 - review, download of released updates
 - subscription, renewal of entitlements
 - access to knowledge base
 - monitoring of your deployment
 - repositories for maintenance and install use
- Additionally, in cooperation with the new Subscription Management Tool
 - ability to automatically assign registration codes

Q & A

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