

NDA / Forward looking statements

(This is a rolling roadmap and subject to change without notice)

This document contains forward looking statements regarding future product development, product capabilities and availability dates. This information is subject to substantial uncertainties and is subject to change at any time without prior notification. Statements contained in this document concerning these matters only reflect Puppet's predictions and / or expectations as of the date of this document and actual results and future plans of Puppet may differ significantly as a result of, among other things, change in product strategy resulting from technological, internal corporate, market and other changes. This is not a commitment to deliver any material, code or functionality and should not be relied upon in making purchasing decisions.



Change Reporting

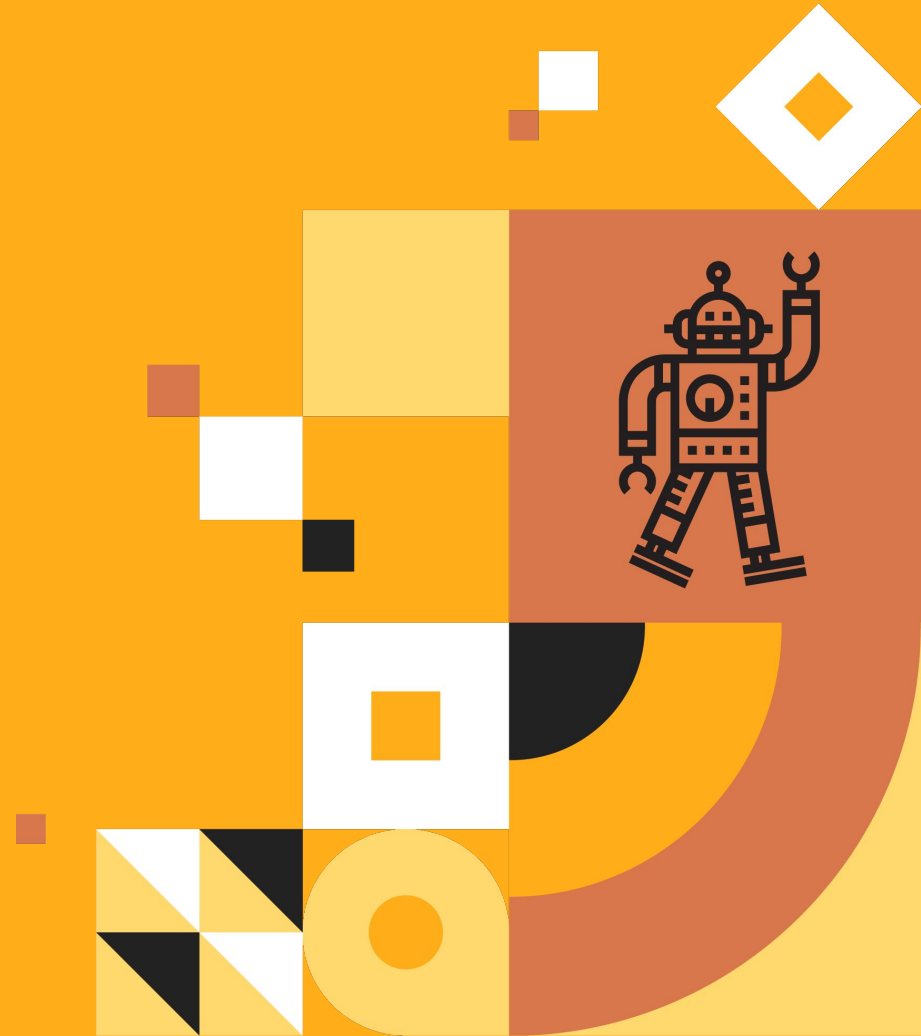
Historical Data Platform



Agenda

- Historical Data Platform
- User Challenges
- Current Implementation
- Future of change reporting

Aug. 31, 2021



Historical Data Platform

Puppet DB Limitations

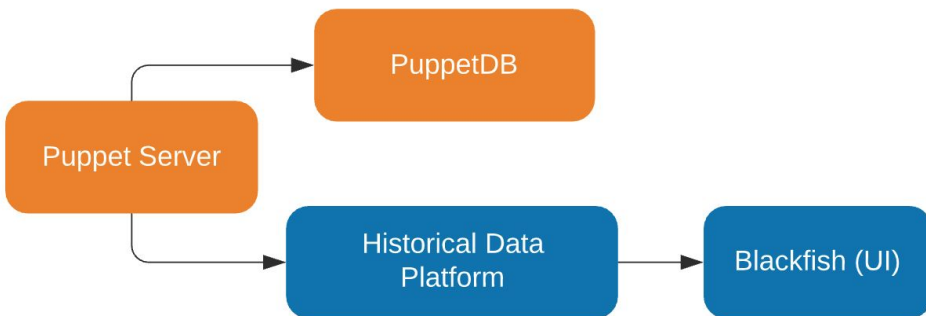
- Puppet DB stores 2 weeks of data
- Not easy to export or visualize
- Scalability

HDP Database

- Historical PE Data
 - Facter Facts, Custom, Trusted
- Resource Configurations from the RAL
- Include data from unmanaged nodes

Surfacing Insight

- Actionable analytics



Common Challenges

How many nodes have this vulnerable application?

How long has this application been present in my network?

Are the roles and permissions that these accounts have still valid?

Did I meet PCI compliance standards during Q1 and Q2?

Who was the author of a change on this node, was it Puppet or another user?

Security

Audits

Compliance

Troubleshooting

Unauthorized change

Future Challenges

How many overlapping product licenses do I have?

How can I identify which VMs are no longer being used by my teams?

How can my node configurations be optimized?

Business Insights

Efficiency

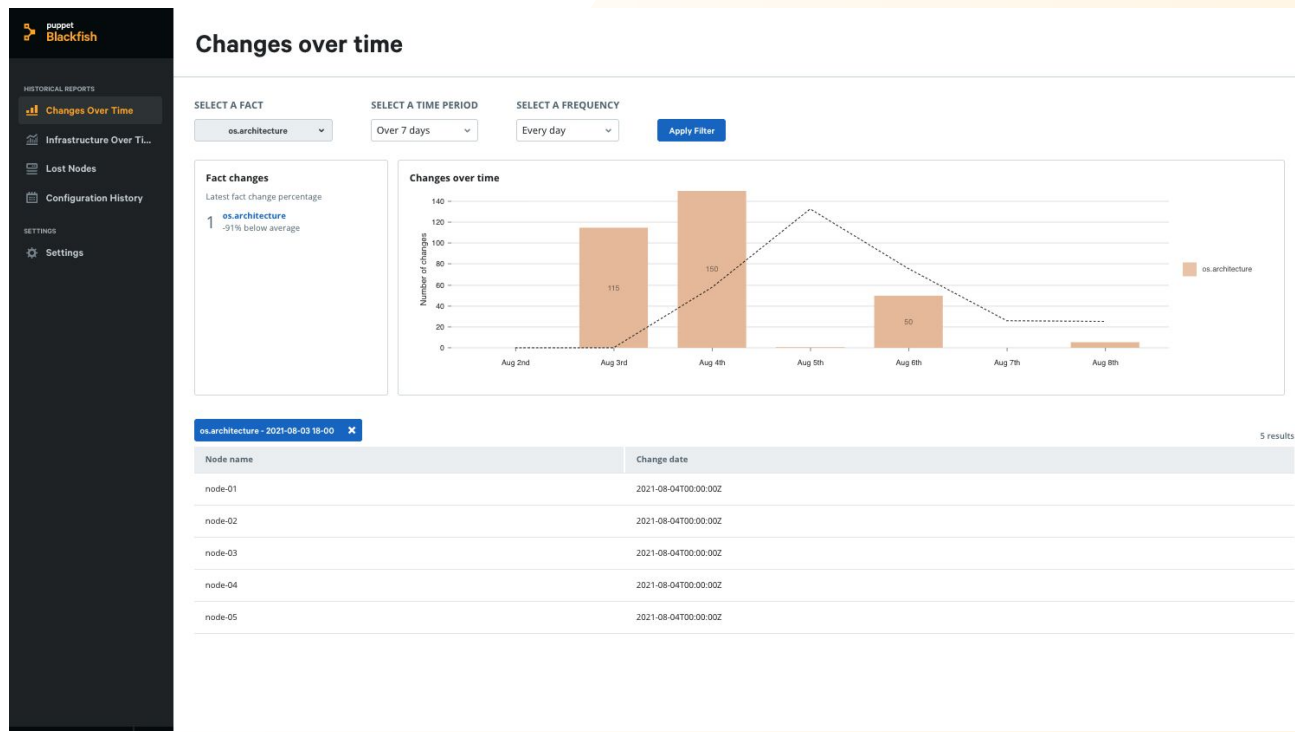
Agility

Cost Reduction

Current Version

Changes Over Time

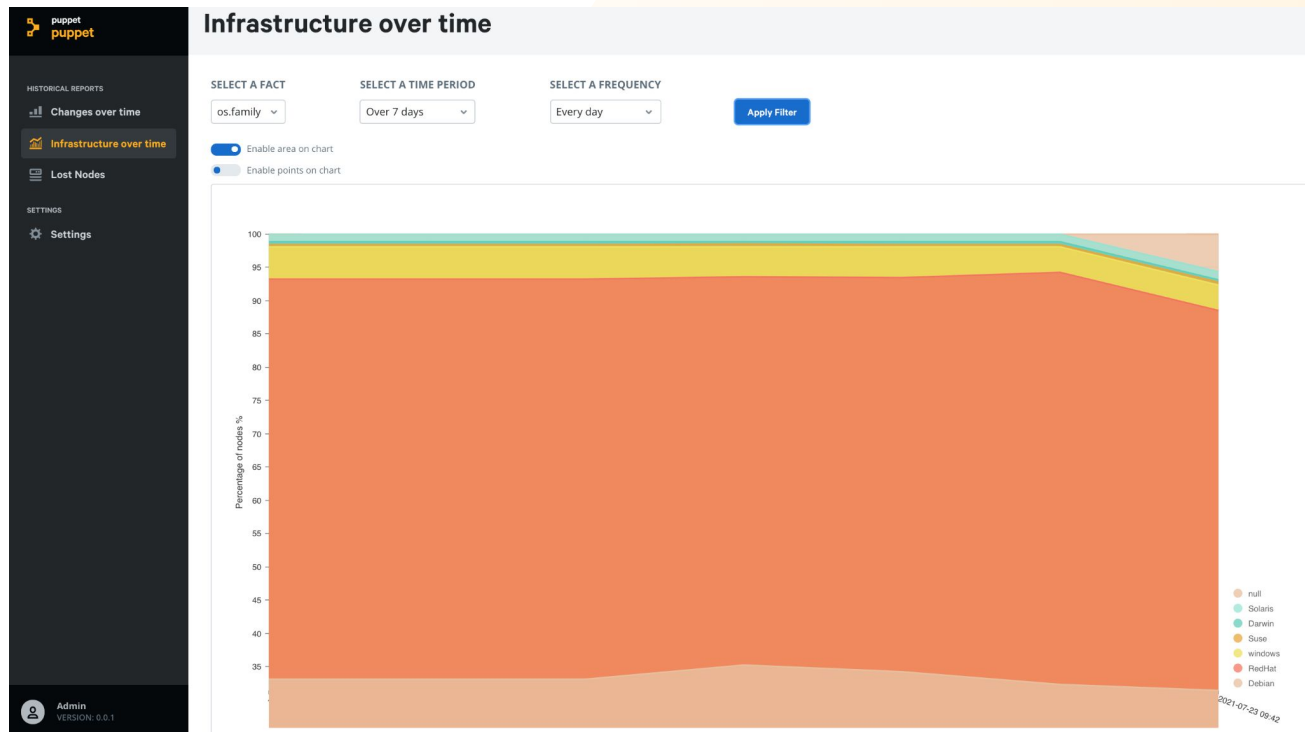
Inventory of facts and resources with analytics to detect anomalous changes.



Current Version

Infrastructure Over Time

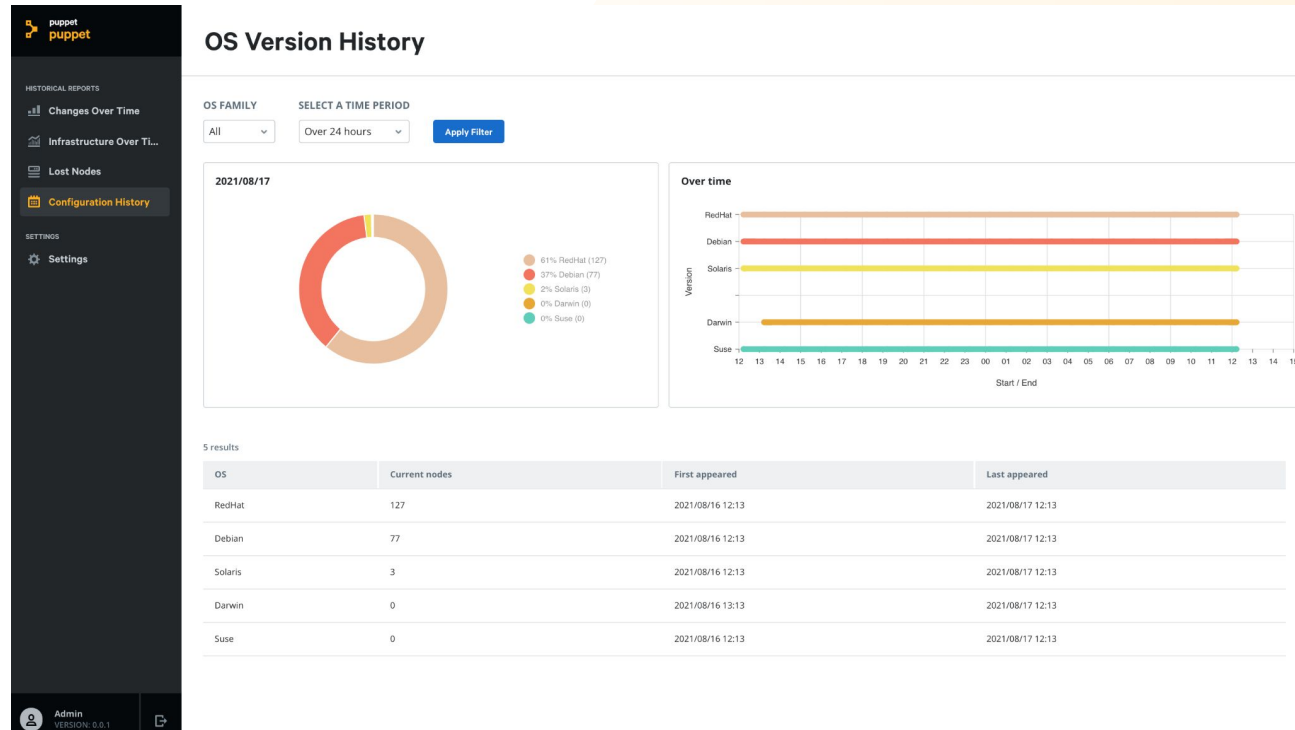
Facts and configurations as a percentage to visualize changes in the distribution of your infrastructure.



Current Version

Configuration History

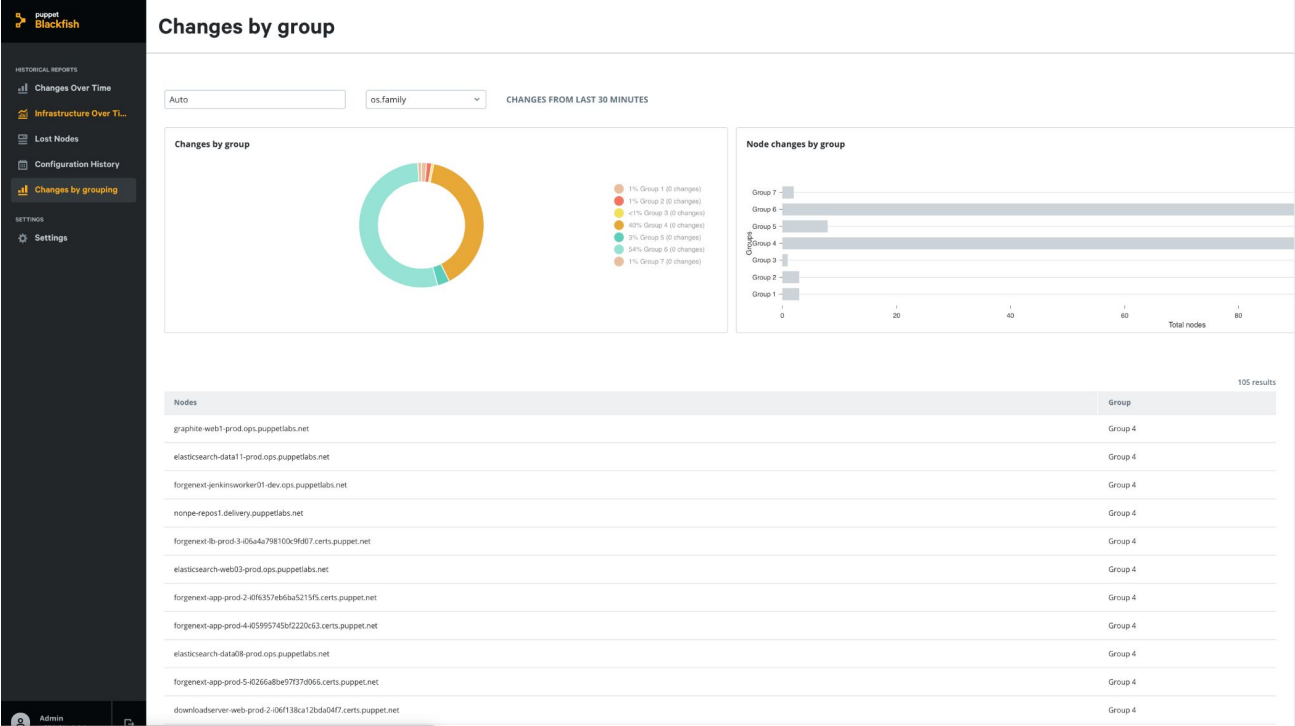
Changes to the OS and version over time to review your network updates.



Current Version

Changes by Grouping

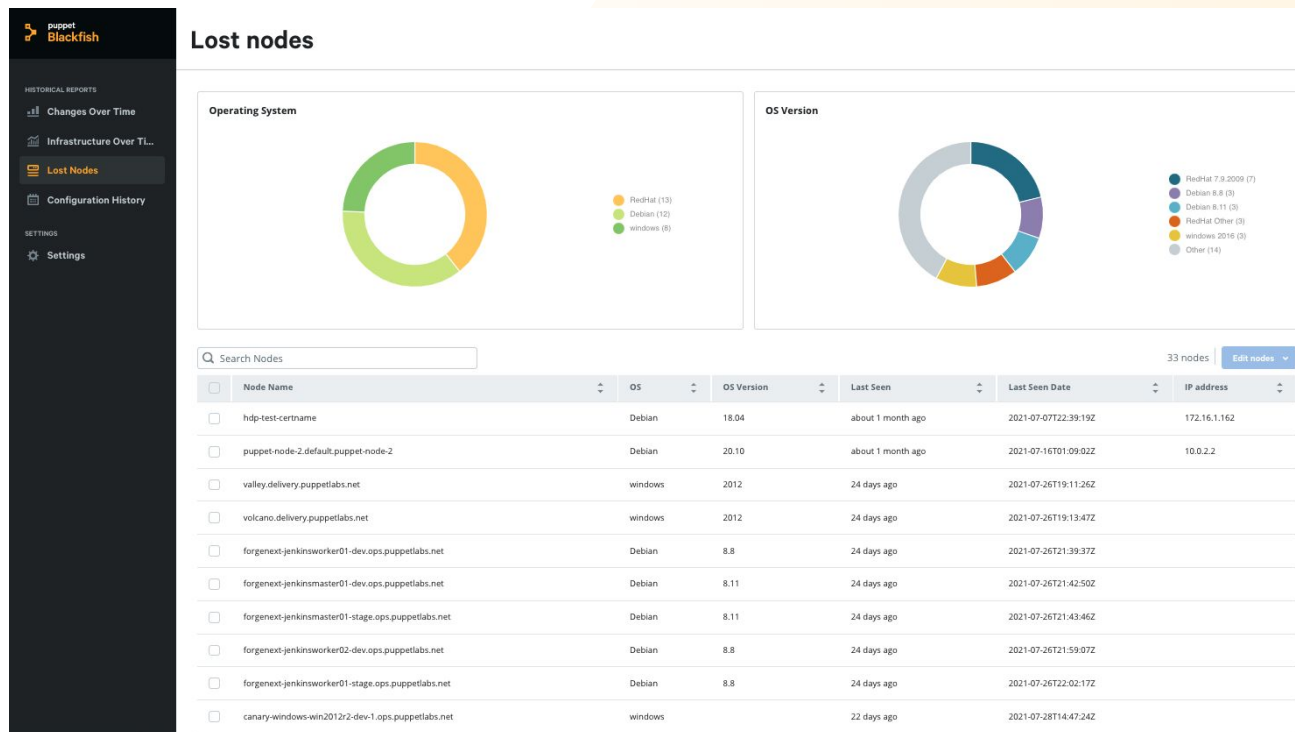
Node grouping can be applied to the Kernel or OS to detect anomalous nodes.



Current Version

Lost Nodes

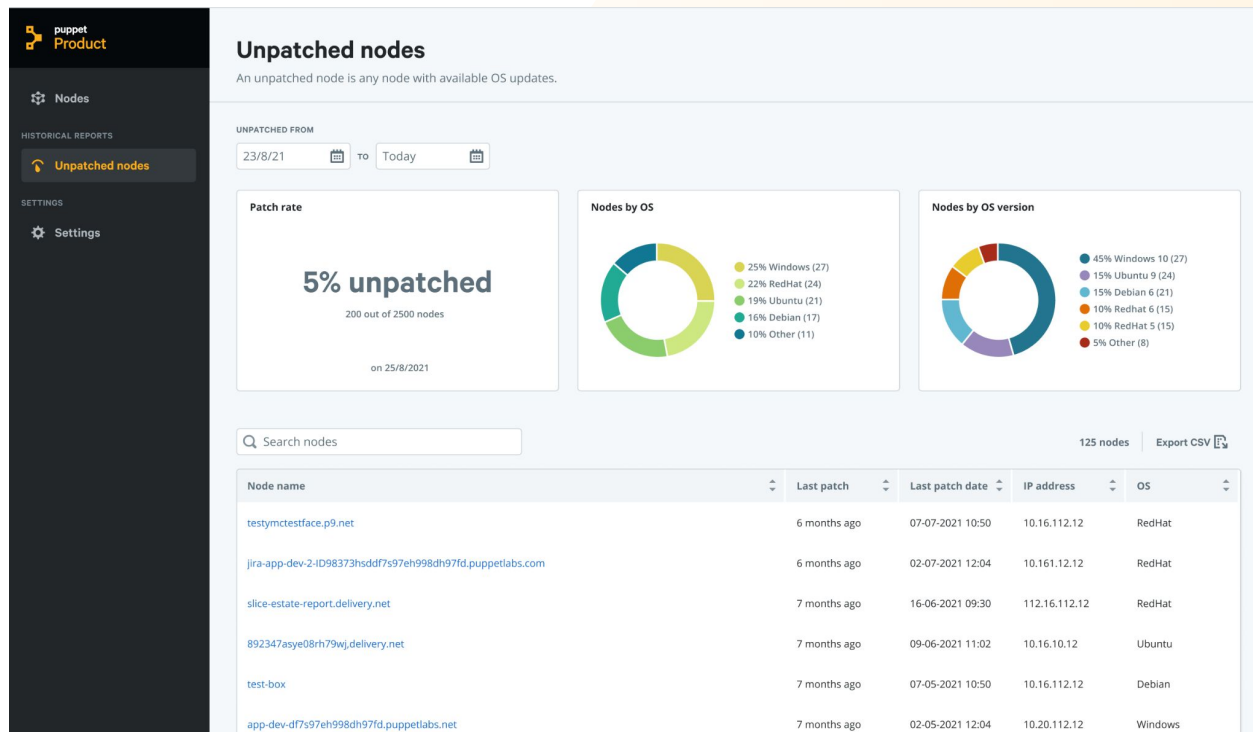
Identify nodes that are no longer reporting and quickly identify key commonalities.



Future Release

Unpatched Nodes

Identify nodes that have not been patched in a significant amount of time.



Future Release

Facts and Configuration Browser

Browse all of your node and resource data and zoom in to a specific node or resource to Investigate changes.

The screenshot displays the Puppet Facts and Configuration Browser interface, which is divided into several sections:

- Sidebar:** Contains navigation links for Threads, All DMs, Drafts (19), Mentions & reactions, Saved items, More, Direct messages, Product (1), data-ingestion-test-ch..., customers, Channels, and Apps.
- Data Ingestion Alert:** A banner at the top right indicating a "Lost Nodes Summary - 31 lost nodes detected:" with a "Today" filter. Below this, a list of nodes is shown with their last seen times and UTC offsets. For example, "windows node - valley.delivery.puppetlabs.net" was last seen on Monday, 26 Jul 2021 19:11:26 UTC.
- History browser:** A section on the right showing a "Time" filter (Last 7 days) and a "Resources" dropdown. It displays a table of packages with columns for Prevalence, Version, Provider, Parameter, and Parameter. The table lists various packages like carrot cake, long, totesa roll, macaroon, toffee, chocolate cake, gummi bears, bear claw, brownie, wafer, sweet roll, ice cream, cupcake, and muffin.
- Comparison View:** A section at the bottom showing a comparison of attributes between two states (05/25/2021 and Today). It displays a table with columns for "All attributes", "Facts", "Packages", "Users", and "Compare". The table shows changes in the "facts" section, specifically the "latestFactTime" and "latestReportTime" attributes.