

Real-Life Examples:

Data Analysis and Reporting & Automatic Event Recovery



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Data Analysis and Reporting

Data Analysis and Reporting

TASK DEFINITION

Intro

Data Acquisition

Processing Data

Reporting of Monitored Data

Examples of Successful Practices



A comprehensive view of monitoring from A to Z



Data Analysis and Reporting

Intro

- ✓ **Monitoring and Performance Evaluation:** Reporting is an essential tool for tracking and evaluating the overall performance of an organization. It provides an overview of the current state and helps identify areas that require attention.
- ✓ **SLA Compliance (Service Level Agreement):** Measurement and Assessment of Service Quality: Reporting enables monitoring and measuring the level of SLA compliance. This is crucial for maintaining the quality of services provided and adhering to agreed-upon service levels.
- ✓ **Financial Reporting: Monitoring Financial Health:** Reporting provides critical information for monitoring the financial health of the organization. This includes costs, revenues, profitability, and other financial indicators.
- ✓ **Capacity Planning: Resource Optimization:** Reporting on capacity and resource utilization allows the organization to plan and optimize its capacities. This is essential for the efficient allocation of resources and preventing overloads.
- ✓ **Identification and Remediation of Weak Points:** Issue Identification and Correction: Reporting is crucial for identifying weak points and issues in various areas of the organization. This enables quick response and the implementation of measures for improvement.





Data Acquisition

- ✓ **More is Better:** Obtaining data from multiple sources allows for more comprehensive analyses and provides an overall richer perspective. Integrating data from different sources can lead to more complex and accurate results.
- ✓ **API:**
 - › **Utilizing APIs** for data acquisition has several advantages. Auditing, securing data transfer over HTTPS, and the ability to restrict access through intermediaries are key aspects in terms of security and access control.
 - › **API Benefits: Auditing Capability:** APIs offer traceability for each query, facilitating tracking of who is accessing data and when.
 - › **HTTPS Security:** Data transmission via HTTPS ensures encrypted communication, safeguarding sensitive information from unauthorized access.
- ✓ **Access Restriction:** APIs allow for setting restrictions on the server side, providing control over where and how far users can retrieve data.
- ✓ **Easily Limiting User Views:** Choosing an appropriate approach enables easy limitation of how far users can view into the data. This is crucial for maintaining security and protecting sensitive information. Identify areas that require attention.
- ✓ **Choosing the Right Technology:** Using SQL on a slave server provides efficient and fast access to the database. This method is particularly effective for transactional queries and data manipulation.





Processing Data by Type

- ✓ **Financial Data Processing:**
 - › Analysing and processing financial data to gain insights into budgetary allocations, expenditures, and revenue streams.
 - › Identifying financial trends, cost-saving opportunities, and ensuring compliance with financial objectives.
- ✓ **SLA Data Processing:**
 - › Evaluating data related to Service Level Agreements (SLAs) to assess the performance of services.
 - › Processing SLA metrics to measure and improve service quality, adherence, and customer satisfaction.
- ✓ **Capacity Utilization Analysis:**
 - › Processing data on resource usage and capacity to optimize operational efficiency.
 - › Identifying underutilized or overburdened resources and implementing strategies for optimal capacity utilization.



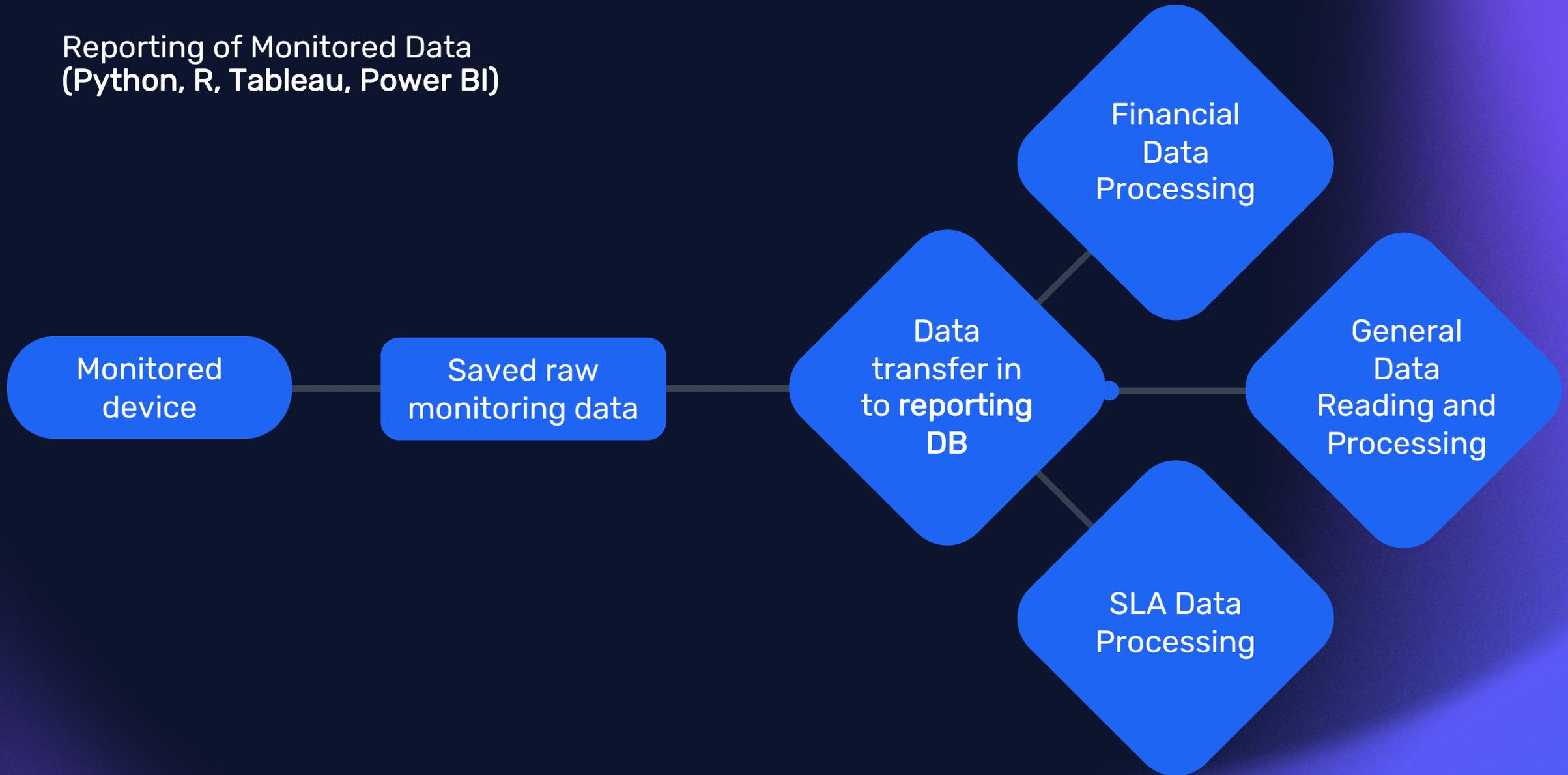


Processing Data by Type

- ✓ **Long-Term Planning and Forecasting:**
 - ▶ Conducting data analysis for long-term planning, including forecasting future trends and demands.
 - ▶ Utilizing historical data to make informed decisions and strategize for future organizational growth and stability.
- ✓ **Goal Achievement Monitoring:**
 - ▶ Processing and interpreting data to monitor progress toward organizational goals.
 - ▶ Implementing key performance indicators (KPIs) to track and measure success in meeting set objectives.
- ✓ **General Data Reading and Processing:**
 - ▶ Developing methods for efficient data reading and processing across various types.
 - ▶ Implementing data processing techniques that ensure accuracy, reliability, and relevance of information.



Reporting of Monitored Data (Python, R, Tableau, Power BI)





Cancom

IBB / Backup Report / 11-2023



Host	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
cc-mase.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	



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IT Monitoring Service

CANCOM

IBB / Capacity Report

Average Component Usage per Host

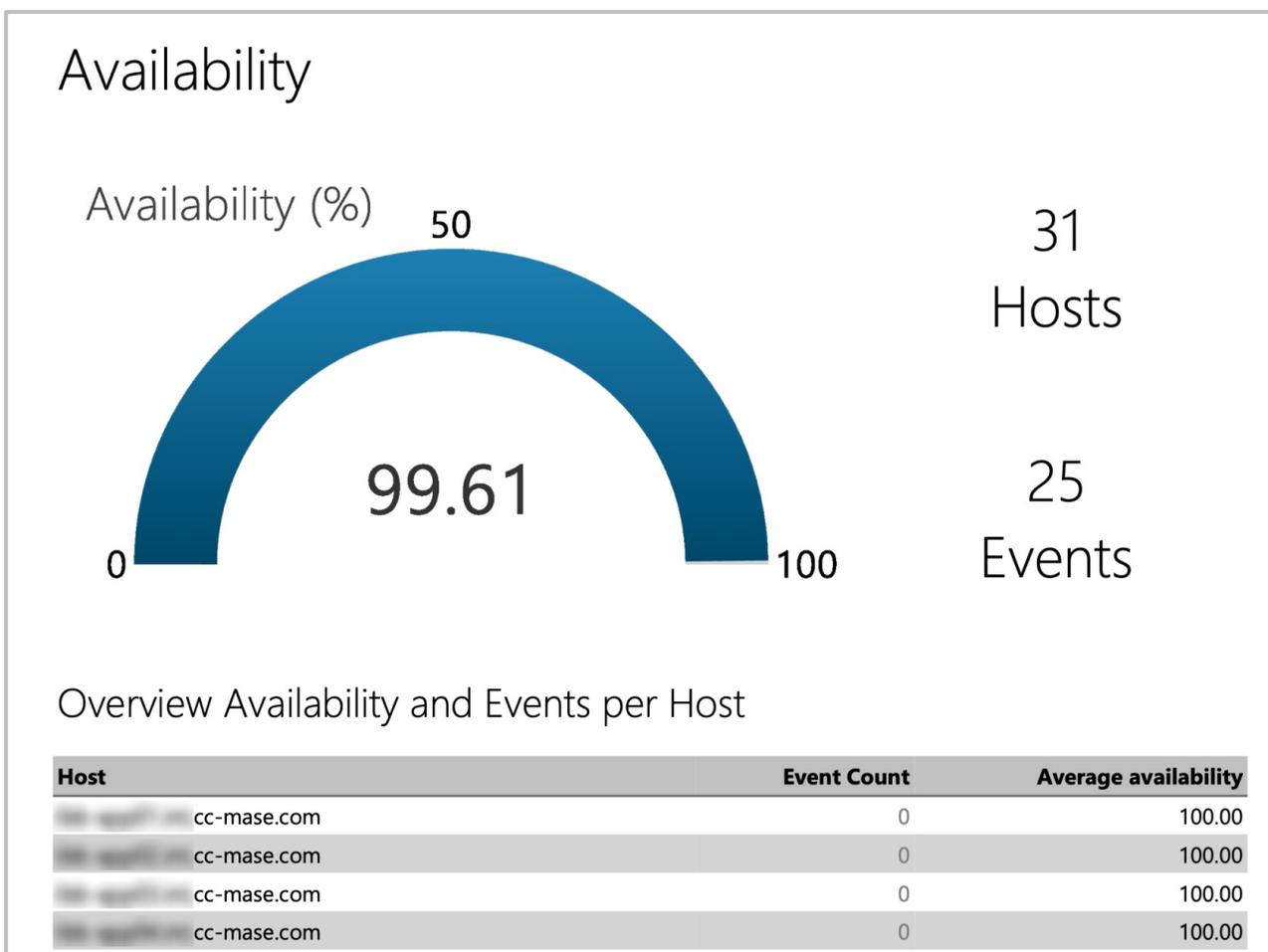
CPU Usage

Host	No. of CPU	Avg. CPU Usage	Min. CPU Usage	Max. CPU Usage
ibb-apply01.m cc-mase.com	12.00	15.74 %	6.26 %	48.97 %
ibb-apply02.m cc-mase.com	12.00	9.48 %	1.49 %	51.10 %
ibb-apply03.m cc-mase.com	12.00	6.92 %	2.71 %	35.82 %
ibb-apply04.m cc-mase.com	48.00	0.86 %	0.34 %	10.56 %
ibb-apply05.m cc-mase.com	12.00	6.92 %	1.90 %	54.93 %
ibb-hub01.m cc-mase.com	10.00	4.75 %	1.18 %	48.75 %
ibb-hub02.m cc-mase.com	10.00	6.19 %	1.55 %	55.57 %
ibb-hub03.m cc-mase.com	10.00	5.49 %	0.27 %	51.19 %
ibb-hub04.m cc-mase.com	16.00	4.60 %	1.79 %	45.76 %
ibb-hub05.m cc-mase.com	16.00	1.03 %	0.60 %	9.34 %



Cancom

01





OFFLINE

Really?



Alza

01

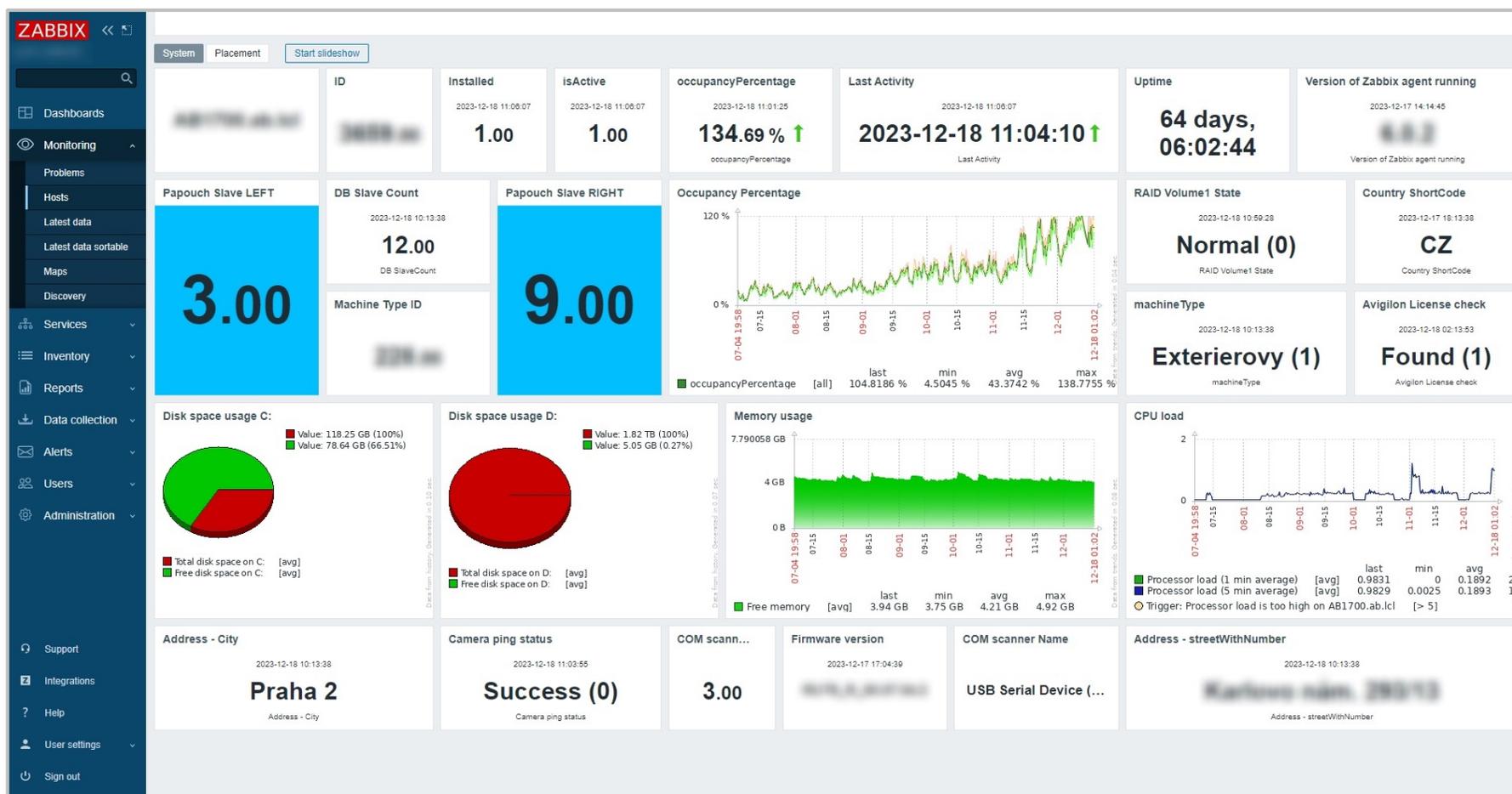




Data Analysis and Reporting - Examples of Successful Practices

Alza

01





SAZKA

STATUS **SERVICES** PROJECTS CALENDAR INCIDENTS OTHER DATA SAM ADMIN

Production

SERVICE	STATUS
WWW Portály	MAJOR OUTAGE
ESB	FULLY OPERATIONAL
NeoGames	FULLY OPERATIONAL
SAP	FULLY OPERATIONAL
BI	FULLY OPERATIONAL
CGI-BOT	FULLY OPERATIONAL
File Systems	MINOR OUTAGE
Quick Games	MAJOR OUTAGE
Email Služby	MAJOR OUTAGE
Proxy - Status	FULLY OPERATIONAL
Wi-Fi Bořislavka	FULLY OPERATIONAL
Tiskárny	FULLY OPERATIONAL
Zasedačky - Stav zařízení	MINOR OUTAGE
Televize (Mediaboxy)	FULLY OPERATIONAL

■ The system is working without limitations.
■ The system is working with limitations. ■ The system is not working.

May 2023

Wednesday 31

Thursday, June 1

Friday, June 2

Saturday, June 3

Saturday, June 4

■ PROD ■ UAT ■ QA ■ Important Sazka Events ■ Maintenance
📅 Not Started 🔄 In Progress ✅ Completed 🔴 Downtime

Outages

Sazka Hry 3 14:21

Dobrý den, evidujeme problém s některými poskytovateli her na portálu sazka.cz/hry. Na nápravě pracujeme, pro více informací sledujte teamsový kanál. Dobrý den, evidujeme problém s některými...

Sazka Hry 2 Yesterday

Dobrý den, evidujeme problém s některými poskytovateli her na portálu sazka.cz/hry. Na...

Sazka Hry 1 Friday

Dobrý den, evidujeme problém s některými poskytovateli her na portálu sazka.cz/hry. Na...



Data Analysis and Reporting - Examples of Successful Practices

VMWare

01

The screenshot shows the initMAX monitoring interface for a VMware environment. The dashboard is organized into several sections:

- System Information:** Displays the VMware version (8.0.1) and the monitoring tool (ZABBIX).
- Problems:** A table showing a single problem: "VMware: The health is Yellow" with a duration of 16d 20h 55m.
- Overall Status:** A green indicator showing "green (1)".
- Maintenance:** A green indicator showing "not in maintenance (0)".
- CPU Utilization:** Two gauges showing CPU utilization at 2.84% and 4.52%.
- VMs:** A grid of VMs with their health status:
 - linsrv01: poweredOn (1), OK
 - web01: poweredOn (1), OK
 - zabbixIA01: poweredOn (1), OK
 - linsrv02: poweredOn (1), OK
 - web02: poweredOn (1), OK
 - zabbixDB01: poweredOn (1), OK
 - winsf01: poweredOn (1), OK
 - winsf02: poweredOn (1), OK
 - zabbixIA02: poweredOn (1), OK
 - web03: poweredOff (0), OK
- Hypervisors:** Three hypervisor cards at the bottom showing their status:
 - Hypervisor V501: OK
 - Hypervisor V502: VMware: The health is Yellow
 - Hypervisor V501: OK



VMWare

01

The dashboard provides a comprehensive overview of VMWare infrastructure. It includes a navigation sidebar on the left with options like Monitoring, Services, Inventory, Reports, Data collection, Alerts, Users, and Administration. The main content area is divided into several sections:

- Cluster-HA:** Shows an overall status of 'green (1)' and a gauge for 'STOR % Free' at 53.02%.
- VMs Overview:** A table listing VMs VS01, VS02, and VS03 with their overall statuses (green, yellow, green) and associated charts for CPU utilization and memory usage.
- Top hosts:** A table summarizing host performance metrics.
- Alerts/Problems:** A table showing active issues, such as 'VMware: The health is Yellow' for host 192.168.91.119.

Hypervisor	CPU Util	Memory %	VMs Count	Uptime	Maintenance
192.168.91.120	2.31 %	6.00 %	3	18 days, 01:41:40	not in maintenance (0)
192.168.91.119	4.52 %	22.00 %	7	18 days, 01:41:34	not in maintenance (0)
192.168.91.118	2.84 %	9.00 %	7	18 days, 01:43:11	not in maintenance (0)



VMWare

01

The dashboard displays VMWare host performance metrics across three sections. The top section shows hosts: linsrv01, web01, and zabbixHA01. The middle section shows hosts: winfs01, linsrv02, windc01, zabbixDB01, and web02. The bottom section shows host: zabbixHA02. A graph at the bottom left shows data from 2023-8-26 to 2023-8-31. The main title of the dashboard is 'VMware vCenter Server 8.0.1 build-22088981'.

Host	Power State	V-CPU	CPU	Memory	snapshot count	Snapshot Size	Consolidation Needed
linsrv01	poweredOn (1)	1	1.22 %	2.99 %	0	0.00 B	false (0)
web01	poweredOn (1)	2	0.55 %	2.99 %	0	0.00 B	false (0)
zabbixHA01	poweredOn (1)	2	0.52 %	0.99 %	2	3.30 GB	false (0)
winfs01	poweredOn (1)	2	1.47 %	10.99 %	0	0.00 B	false (0)
linsrv02	poweredOn (1)	1	1.45 %	0.99 %	0	0.00 B	false (0)
windc01	poweredOn (1)	2	1.05 %	7.99 %	0	0.00 B	false (0)
zabbixDB01	poweredOn (1)	2	0.80 %	1.99 %	1	3.40 GB	false (0)
web02	poweredOn (1)	2	0.50 %	0.99 %	0	0.00 B	false (0)
zabbixHA02	poweredOn (1)	2	0.55 %	0.99 %	0	0.00 B	false (0)



Closing Tips

- ✓ **Enhanced Data Analysis:**
 - ▶ AI enables more sophisticated and nuanced analysis of large datasets, extracting valuable insights that may be challenging for traditional methods.
- ✓ **Detection of Anomalies: (TOP)**
 - ▶ AI models excel in identifying anomalies and outliers in data, helping organizations quickly detect irregularities that may indicate potential issues or opportunities.
- ✓ **Predictive Analytics:**
 - ▶ By leveraging AI algorithms, organizations can perform predictive analytics, forecasting future trends and behaviours based on historical data, facilitating proactive decision-making.
- ✓ **Improved Accuracy and Consistency: (TOP)**
 - ▶ AI-driven reporting reduces the risk of human errors, enhancing the accuracy and consistency of analyses and reports.



Automatic Event Recovery

Automatic Event Recovery

TASK DEFINITION

Automation of Monitoring

Automated escalation

Remote Notifications



A comprehensive view of monitoring from A to Z



Automation

- ✓ **Use automation wherever possible, not just in monitoring.** For example, network discovery or automatic agent registration can automatically trigger a webhook in Zabbix, facilitating integration with Ansible EDI.
- ✓ **External scripts can handle routine tasks** in the background without your direct involvement.
- ✓ **Typically, you have two options:** Manual or Automatic.





Automation

02

Script Configuration:

- Name: Dropdown input parameter
- Scope: Manual event action
- Menu path: Parameters
- Type: Script
- Execute on: Zabbix server
- Commands: echo "Here you can have for example ansible playbook command for:" (MANUALINPUT)
- Host group: All
- User group: All
- Required host permissions: Read, Write
- Advanced configuration:
 - Enable user input:
 - Input prompt: Ansible install. (Test user input)
 - Input type: Dropdown
 - Dropdown options: Zabbix Agent,Zabbix Agent 2,test
 - Enable confirmation:
 - Confirmation text: Are you sure? (Test confirmation)

User Permissions Table:

User group	Host group	Host access
Zabbix administrators	All	Read
All	All	Read



Automation

The screenshot shows the 'Hosts' configuration page in the initMAX interface. The page includes a search bar, a 'Create host' button, and various input fields for host configuration. A 'Manual input' dialog box is open, showing the 'Ansible install' dropdown menu with 'Zabbix Agent 2' selected. The 'Continue' button in the dialog is highlighted with a red box.

Hosts Configuration Fields:

- Name:
- Status: Any Enabled Disabled
- Host groups: type here to search Select
- Tags: And/Or Or tag Contains value Remove Add
- IP:
- DNS:
- Port:
- Show hosts in maintenance:
- Show suppressed problems:
- Severity: Not classified Warning High Information Average Disaster

Hosts Table:

Name	Interface	Availability	Tags	Status	Latest data	Problems	Graphs	Dashboards	Web
Zabbix server	127.0.0.1:10050	zBX	class: os class: software target: linux ***	Enabled	Latest data 139	Problems	Graphs 25	Dashboards 4	Web

Displaying 1 of 1 found

Manual input Dialog:

Ansible install:
 Zabbix Agent 2
Cancel Continue

Zabbix 7.0.0alpha7. © 2001–2023, Zabbix SIA



Automation

The screenshot displays the 'Hosts' management page in the initMAX interface. A modal dialog box titled 'Dropdown input parameter' is open, showing a green checkmark and the message 'Script execution successful.' Below this, the 'Output' field contains the text: 'Here you can have for example ansible playbook command for: Zabbix Agent 2'. The dialog has 'Save as', 'Apply', and 'Reset' buttons at the bottom. In the background, the 'Hosts' table is visible with the following data:

Name	Interface	Availability	Tags	Status	Latest data	Problems	Graphs	Dashboards	Web
Zabbix_server	127.0.0.1:10050	ZBX	class: os class: software target: linux ***	Enabled	Latest data 139	Problems	Graphs 25	Dashboards 4	Web

At the bottom of the page, the footer text reads: 'Zabbix 7.0.0alpha7. © 2001–2023, Zabbix SIA'.



Automation

The screenshot shows the Zabbix web interface with the 'Scripts' configuration page. A modal window titled 'Script' is open, showing the configuration for a 'Manual input parameter' script. The modal includes the following fields and options:

- Name:** Manual input parameter
- Scope:** Action operation, Manual host action, Manual event action
- Menu path:** Parameters
- Type:** URL, Webhook, Script, SSH, Telnet, IPMI
- Execute on:** Zabbix agent, Zabbix server (proxy), Zabbix server
- Commands:** echo "Here you can have for example ansible playbook command for:" {MANUALINPUT}
- Description:** (Empty text area)
- Host group:** All
- User group:** All
- Required host permissions:** Read, Write
- Advanced configuration:**
 - Enable user input:**
 - Input prompt:** You can write your parameter here: (with Test user input button)
 - Input type:** String, Dropdown
 - Default input string:** Default
 - Input validation rule:** .*
 - Enable confirmation:**
 - Confirmation text:** (with Test confirmation button)

Buttons at the bottom of the modal: Update, Clone, Delete, Cancel.

In the background, the 'Scripts' page shows a table with columns: Name, Scope, User group, Host group, Host access. A table with 5 rows is visible, showing 'Zabbix administrators' and 'All' for user and host groups, with 'Read' permissions.



Automation

The screenshot displays the 'Hosts' management page in the initMAX interface. A 'Manual input' dialog box is open, prompting the user to enter a parameter. The dialog contains the text 'You can write your parameter here:' and a text input field with the value 'some_parameter' entered. The dialog has 'Cancel' and 'Execute' buttons.

The background interface shows the following details:

- Hosts Configuration Form:** Fields for Name, Host groups, IP, DNS, Port, Status (Any, Enabled, Disabled), Tags (And/Or, Or), and Severity (Not classified, Warning, High, Information, Average, Disaster). There are also checkboxes for 'Show hosts in maintenance' and 'Show suppressed problems'.
- Hosts Table:** A table with columns: Name, Interface, Availability, Tags, Status, Latest data, Problems, Graphs, Dashboards, Web. One host is listed: 'Zabbix server' with interface '127.0.0.1:10050', availability 'ZBX', and status 'Enabled'.
- Footer:** 'Zabbix 7.0.0alpha7. © 2001–2023, Zabbix SIA'.



Automation

The screenshot displays the Zabbix web interface. A modal dialog box titled "Manual input parameter" is open, showing a green checkmark and the text "Script execution successful." Below this, an "Output" field contains the text: "Here you can have for example ansible playbook command for: some_parameter". The background shows the "Hosts" configuration page for a host named "Zabbix server" with interface "127.0.0.1:10050" and availability "zBX". The interface includes a sidebar with navigation options like "Dashboards", "Monitoring", "Problems", "Hosts", "Latest data", "Maps", "Discovery", "Services", "Inventory", "Reports", "Data collection", "Alerts", "Users", and "Administration".

Name	Interface	Availability	Tags	Status	Latest data	Problems	Graphs	Dashboards	Web
Zabbix server	127.0.0.1:10050	zBX	class: os class: software target: linux	Enabled	Latest data 139	Problems	Graphs 25	Dashboards 4	Web



Escalation

- ✓ Use intelligent escalation with Acknowledge actions.
- ✓ Use different users or medias.
- ✓ Ensure to select the appropriate **event severity!**
- ✓ Be assertive **during nighttime.**





Escalation

Operation details

Operation:

Steps: - (0 - infinitely)

Step duration: (0 - use action default)

* At least one user or user group must be selected.

Send to user groups:

Send to users:

Send only to:

Custom message:

Label	Name	Action
A	Event is not acknowledged	Remove

[Add](#)

* At least one operation must exist.



Escalation

Action

Action Operations 3

* Default operation step duration

Operations	Steps	Details	Start in	Duration	Action
1	Send message to users:	tomas.hermanek@initmax.cz (Tomáš Heřmánek) via all media	Immediately	Default	Edit Remove
2	Send message to users:	alois.zadrazil@initmax.cz (Alois Zdražil) via all media	01:00:00	Default	Edit Remove

[Add](#)

Recovery operations	Details	Action
Notify all involved		Edit Remove

[Add](#)

Update operations	Details	Action

[Add](#)

Pause operations for symptom problems

Pause operations for suppressed problems

Notify about canceled escalations

* At least one operation must exist.



Remote Notifications

- ✓ **Most of** monitoring systems have API endpoints for obtaining or adding additional events data.
- ✓ Many Service Desk systems can optionally **execute scripts**.





Remote Notifications

The screenshot displays the initMAX monitoring interface. On the left, there are filter controls for 'Problem', 'Severity' (Not classified, Warning, Information, Average), 'Age less than' (14 days), 'Show symptoms', 'Show suppressed problems', and 'Acknowledgement status' (All, Unacknowledged, Acknowledged). The main area shows a table with columns for 'Time', 'Severity', 'Info', 'Host', and 'Problem'. A single row is visible with a 'Warning' severity and the problem name 'Meetup application is DOWN!'. A context menu is open over this row, listing options under 'VIEW', 'CONFIGURATION', 'PROBLEM', and 'LINKS'. The 'PROBLEM' section includes 'Mark as cause' and 'Mark selected as symptoms'. The 'LINKS' section includes 'Jira: ZBX-55' and 'Trigger URL'. On the right side of the interface, there are settings for 'Show tags', 'Tag name', 'Display priority', 'Operational data', 'Compact view', 'Show details', 'Show timeline', and 'Highlight whole row'. A 'Reset' button is also visible. At the bottom right, it says 'Displaying 1 of 1 found'.



Remote Notifications

ZABBIX-INITMAX
Service project

- Queues
- Service requests
- Incidents
- Problems
- Changes
- Post-incident reviews

OPERATIONS

- Change calendar
- Services
- Alerts
- On-call

Projects / **ZABBIX-INITMAX** / **ZBX-55**

[PROBLEM] Meetup application is DOWN!

Create subtask | Link issue | Add Tempo to plan and track time

Tomáš Heřmánek raised this request via Jira

Description
Problem started at 13:50:20 on 2023.12.18
Problem name: Meetup application is DOWN!
Host: Jira ServiceDesk
Severity: Warning
Operational data: Down (0)
Original problem ID: 14513365
<https://www.initmax.cz/zabbix-monitoring/>

Similar requests

Details

- Assignee: Unassigned (Assign to me)
- Reporter: Tomáš Heřmánek
- Request Type: None
- Knowledge base: 1 related article
- Components: None
- Priority: Low
- Labels: Application:Meetup, TEST:Test

More fields: Request participants, Approvers, Organizations, ...



Remote Notifications

The screenshot displays a monitoring interface with a notification popup. The background interface includes filters for severity (Information, Average, Disaster), age (less than 14 days), and acknowledgement status (All, Unacknowledged, Acknowledged). A table below shows a 'Warning' event from 'Jira Servicedesk' with the message 'Meetup application is DOWN!'.

Time	User/Recipient	Action	Message/Command	Status	Info
2023-12-18 01:52:47 PM	tomas.hermanek@initmax.cz (Tomáš Heřmánek)		Update from JIRA: Example message		
2023-12-18 01:50:23 PM	MS Teams	Message	teams	Sent	
2023-12-18 01:50:23 PM	Meetup	Message	Jira initmax	Sent	
2023-12-18 01:50:23 PM	tomas.hermanek@initmax.cz (Tomáš Heřmánek)	Message	Pushover	Sent	
2023-12-18 01:50:23 PM	tomas.hermanek@initmax.cz (Tomáš Heřmánek)	Message	Email	Sent	
2023-12-18 01:50:20 PM		Calendar			

Background interface details:
- Filters: Information, Average, Disaster (unchecked)
- Age less than: 14 days
- Show symptoms: (unchecked)
- Show suppressed problems: (unchecked)
- Acknowledgement status: All (selected), Unacknowledged, Acknowledged
- By me: (unchecked)
- Table header: Time, Severity, Info, Host, Problem
- Table row: 01:50:20 PM, Warning, Jira Servicedesk, Meetup application is DOWN!
- Bottom bar: 2m 27s, Update, 1 notification, 5 users, Application: Meetup, TEST: Test, zbx_jira_issuekey: ...
- Footer: Displaying 1 of 1 found



ZABBIX can't do

Really?

Monitoring Team

ZABBIX
PREMIUM PARTNER

ZABBIX
CERTIFIED TRAINER



Tomáš

CEO



Tomáš

Developer



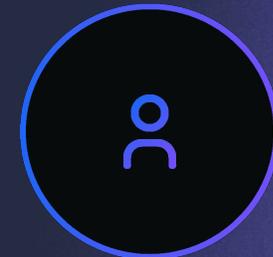
Alois

Technical consultant



Marek

Technical consultant



Vojtěch

Technical consultant



THANK YOU & SEE YOU
ON EVENT



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