

SAP QUALITY CHECK TO SAFEGUARD SAP NetWeaver BI ACCELERATOR IMPLEMENTATIONS

INFORMATION SHEET FOR
THE SERVICES:

- SAP TECHNICAL
FEASIBILITY CHECK FOR
BI ACCELERATOR
- SAP REMOTE
CONFIGURATION CHECK
FOR BI ACCELERATOR
- SAP REMOTE
VERIFICATION CHECK
FOR BI ACCELERATOR

When to Use

SAP Quality Check to safeguard BI Accelerator implementations comprises a technical feasibility check, a remote configuration check, and a remote verification check. A description of each is provided here.

SAP TECHNICAL FEASIBILITY CHECK FOR BIA

WHY CHOOSE THIS SERVICE?

SAP wants to make sure you are getting the most out of your SAP NW BI solution. When Query response times are not meeting your business needs and aggregates are not a feasible way to match your changing query patterns in your reports you need the service SAP Technical Feasibility Check for BI Accelerator which helps you considering the usage of the SAP NW BI Accelerator. This service covers a structural analysis of your existing SAP NW BI solution as well as a verification of your hardware sizing assumptions and results. Finally the service results will clearly show you in which cases the SAP NW BI Accelerator will improve your query performance and will help you to reduce maintenance efforts - giving you the most out of your SAP NW BI solution.

THE VALUE FOR YOU

SAP Technical Feasibility Check for SAP NetWeaver BI Accelerator gives you an overview over your query runtimes and the options where time can be saved by using the SAP NetWeaver BI Accelerator.

Furthermore, you find out about query executions that cannot be accelerated by the BI Accelerator. This helps you to decide about a redesign of those queries. With SAP Feasibility Check for BI Accelerator, you use SAP's experience to save time for own analysis, reduce costs and to be sure that your further decisions depend on the right evaluations.

WHEN TO USE

Here are the deciding factors indicating that SAP's Feasibility Check for SAP NetWeaver BI Accelerator is exactly what you need:

- Response times related to your queries are not meeting your business needs. Time sensitive reports cannot be analyzed in the required time frame.
- Users are not able to really investigate business data. Instead they have to execute queries according to predefined execution paths (aggregates).
- There is a lack of knowledge in your company on how to analyze and determine how beneficial the usage of BI Accelerator would be.

DELIVERY IN DETAIL

To analyze your system, the SAP Feasibility Check for BI Accelerator service takes place in three stages: Info session, Analysis & Summarization, and Follow-Up.

Info Session

The Info Session serves to provide the necessary input for you and SAP to do the right analysis for the right scenarios:

- Describe relevant customer scenario(s)
- Structural analysis of the existing SAP NW BI solution
- Identify steps that were undertaken so far, in order to approach the new solution (e.g. hardware sizing and discussions with hardware partner)
- Discuss availability concepts of the BIA architecture
- Address tuning options for BIA, especially for the initial indexing procedure
- Clarify general questions concerning BI Accelerator

Analysis and Summarization

Based on what was covered during the Info session, the SAP engineer works closely with your project team to identify queries with poor performance and high database times. Standard analysis tools such as RSRT and statistical content are utilized to locate areas that could be optimized by BIA:

- Investigate measures undertaken at the current stage to accelerate queries (e.g. aggregates, caching strategies, aggregation cubes, and logical partitioning). The aim is to find out which of those will become obsolete when using the BIA and how much disk space could be saved on SAP NW BI system side.
 - Analysis of BI statistics to find out about the highest runtime shares concerning DB-, OLAP-, front-end-Time of the queries on an overview level.
 - Detailed analysis of the definition of queries with high database time.
 - Analysis of the definition of queries with high OLAP and front-end time which cannot be accelerated by the SAP BI Accelerator.
- Analysis of roll-up and change-run times to find out where maintenance efforts could be speed up.
 - Verification of hardware sizing to check if the input/output figures are feasible.

After the analysis has been completed, the SAP engineer will have identified the necessary information to judge in which areas the BIA would be beneficial for you, and summarizes them for the wrap-up meeting. Here all results are presented.

Follow Up

The follow up to the on-site delivery is an optional conference call that can be scheduled between your project team and SAP.

The goal of the conference call is to make sure you understand the content of the delivered documents. The follow-up conference call concludes when it is clear what actions you, SAP and your delivery partners need to do as further steps.

PREREQUISITES

SAP Technical Feasibility Check has the following prerequisites:

- Statistic Properties maintained (SAP NW BI with Level 2 - including data from the aggregation layer)
- Statistic Content available (active and filled)

SAP REMOTE CONFIGU- RATION CHECK FOR BIA

WHY CHOOSE THIS SERVICE?

SAP wants to make sure you are getting the most out of your SAP NW BI solution. When you want to be sure that all relevant settings for a well-integrated SAP NW BI Accelerator are made in the SAP NW BI system as well as in the BIA server the service SAP Remote Configuration Check for SAP NW BI Accelerator is the right thing for you. This service analyzes all important parameters and configurations in your BI system and BIA server and gives the corresponding recommendations - giving you the most out of your SAP BI solution.

THE VALUE FOR YOU

With the SAP Remote Configuration Check for BIA you can be sure that your system settings for BIA in the BI system, as well as in the BIA server, are set according to SAP's latest recommendations for an optimal use of your SAP NW BI solution.

With SAP's Remote Configuration Check for BI Accelerator, you use SAP's experience to save time, reduce costs, and keep your SAP NW BI solution running optimally.

WHEN TO USE

Here are the deciding factors indicating that SAP's Remote Configuration Analysis for BI Accelerator is exactly what you need:

- Eliminate costly performance bottlenecks
- Make optimal use of your hardware investment
- Substantially reduce the risk of costly downtime
- Verify system settings proactively, before technical problems occur

DELIVERY IN DETAIL

To optimize your system settings the SAP Remote Configuration Check of BIA service takes place in three stages: Preparation, Remote Analysis and Final Report.

Preparation

For preparation of the SAP Remote Configuration Check of SAP NW BI Accelerator a convenient delivery date is scheduled with you as well as a telephone call about the terms of opening the SAP NW BI system connection.

Remote Analysis

The SAP engineer works remotely and analyzes the system parameters.

Necessary changes in the system should be performed by your team and are not implemented by the SAP engineer.

The following analyses are covered by the remote check:

- BIA Landscape overview
- BIA Parameters in ini-Files
- BIA Trace files and levels
- BIA Global Indexing Parameters
- BIA RFC Server Configuration
- BIA Filer Throughput
- BIA CPU and Memory Usage
- BIA Alert Server Configuration
- BIA Failover Settings
- BIA Backup Server Configuration
- BIA Monitor checks
- Network checks

Follow Up

After the Remote Analysis has been completed, the SAP engineer will create a report describing the issues that negatively impact the performance and giving the appropriate recommendations for solving these issues. The report will also include an action plan which contains detailed steps and priorities for what still has to be configured in the system by your project team.

The follow up to the Remote Service delivery contains an optional conference call that can be scheduled between your project team and SAP.

The goal of the conference call is to clarify the action plan and the recommendations it contains in case there are open questions. The follow-up conference call concludes when it is clear what actions you, SAP and your delivery partners need to take to optimize your BI Accelerator usage.

SAP REMOTE VERIFICATION CHECK FOR SAP NETWEAVER BI ACCELERATOR

WHY CHOOSE THIS SERVICE?

SAP wants to make sure you are getting the most out of your SAP BI solution. When your BI Accelerator is already in productive use, the SAP Remote Verification Check for BI Accelerator is the right thing for you. This service analyzes the load profile on the BIA server and verifies your hardware sizing - giving you the most out of your SAP NW BI solution.

THE VALUE FOR YOU

With the SAP Remote Verification Check for BI Accelerator you can be sure that your system is correctly sized and meets the load requirements for an optimal use of your SAP NW BI solution.

With SAP's Remote Verification Check for BI Accelerator, you use SAP's experience to save time, reduce costs and keep your SAP NW BI solution running optimally.

WHEN TO USE

Here are the deciding factors indicating that SAP's Remote Verification Check for BI Accelerator is exactly what you need:

- Verify memory and CPU usage proactively, before technical problems occur due to bottlenecks
- Verify that the initial hardware sizing meets the requirements of the prod. workload

- BIA alert server configuration
- BIA failover settings
- BIA backup server configuration
- BIA monitor checks
- Network checks

DELIVERY IN DETAIL

To verify your system settings the SAP Remote Verification Check for BI Accelerator service takes place in three stages: Preparation, Remote Analysis and Final Report.

Preparation

For preparation of the SAP Remote Verification Check for BI Accelerator service, a convenient delivery date is scheduled with you, as well as a telephone call about the terms of opening the BI system connection.

Remote Analysis

The SAP engineer works remotely and analyzes the system.

Necessary changes in the system should be performed by your team and are not implemented by the SAP engineer.

The following topics are covered by the remote check:

- Analysis of user statistics
- Hardware sizing verification
- Analysis of load profile
- Analysis of query runtime statistics
- Analysis of indexing runtime statistics
- BIA landscape overview
- BIA parameters in ini-files
- BIA trace files and levels
- BIA global indexing parameters
- BIA RFC server configuration
- BIA filer throughput
- BIA CPU and memory usage

Follow Up

After the Remote Analysis has been completed, the SAP engineer will create a report describing the issues that negatively impact the performance and giving the recommendations for solving these issues. The report will also include an action plan which contains detailed steps and priorities about what still has to be configured in the system by your project team.

The follow up to the Remote Service delivery contains an optional conference call that can be scheduled between your project team and SAP.

The goal of the conference call is to clarify the action plan and the recommendations it contains in case there are open questions. The follow-up conference call concludes when it is clear what actions you, SAP, and your delivery partners need to take to optimize your BI Accelerator.

- available
- Install the latest ST-A/PI package (note 69455) on the SAP NW BI system
- Remote Connection to the BIA server available (note 1058533)
- Availability of responsible employee for BI Accelerator
- Valid logon data
- Statistic Properties maintained (SAP NW BI with Level 2 - including data from the aggregation layer)

DURATION OF DELIVERY

The SAP Quality Check to safeguard BI Accelerator implementations contains remote- and on-site shares.

The on-site units contain remote preparation and follow-up activities.

PREREQUISITES

SAP Remote Configuration and Verification service has the following prerequisites:

- Remote Connection to the BI-system

ORDER INFORMATION

The SAP Quality Check to safeguard BI Accelerator implementations is available worldwide for all SAP customers. To order this service, simply contact your local account team.

ONE OF MANY OPTIMIZATION SERVICES

The SAP Quality Check to safeguard SAP NetWeaver BI Accelerator implementations is part of the **SAP Solution Management Optimization** program. This program offers you a series of services to keep your SAP solutions running optimally, improving return on investment and reducing the cost of operations. These services optimize applications and system operations by solving technical issues, which you are facing already or which have been identified in safeguarding services as a risk to smooth operations.

For more information, refer to the SAP Service Marketplace at www.service.sap.com/smo. This service flyer can be found under www.service.sap.com/BI → Services und Implementation → SAP BW Safeguarding Services.

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