Optimization Advisor

Product Overview

Issue	01
Date	2023-03-03

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1 Service Terms

1.1 Service Content

Optimization Advisor (OA) is a cloud service that helps you configure resources by following best practices. Based on theories, best IT practices, and public cloud solutions in the industry, Huawei Cloud analyzes resource deployment on Huawei Cloud from five dimensions: performance, security, reliability, cost, and service baseline to identify risks, and provides suggestions, improves the stability of your cloud-based services.

1.2 Cooperation You Need to Provide

You need to authorize Huawei Cloud to analyze your cloud resource information, including resource deployment information, resource configurations, resource O&M data, and resource quotas. Such data is used only for the purpose of providing services and is retained for six months. If you have any questions about the authorization scope, contact Huawei Cloud customer service for assistance.

1.3 Disclaimers

The risk items and optimization suggestions in the check results of the OA service are for your reference only. Huawei Cloud does not promise that the content can completely solve all your problems. Huawei Cloud does not promise that the optimization consulting service is flawless. However, Huawei Cloud promises to continuously improve the service quality and service level of the OA service. If a defect in the OA service is unavoidable due to technological limitations, it shall not be deemed as a breach of contract of Huawei Cloud, and you need to cooperate with Huawei Cloud to solve the defect.

2 Functions

- **Automatic check**: The service background automatically scans for risks in performance, reliability, security, cost, and service baseline of cloud resources.
- **Optimization suggestions**: Provide optimization suggestions for best practices on the cloud based on the risks identified through automatic check.
- **Historical record viewing**: You can view the record of the last check and the corresponding check results.
- **Report download**: You can download the check results and details to the local computer for analysis.
- **Single-item check update**: After a single risk point is rectified, you can check whether the rectification is successful by checking this check item only.

3 Advantages

- Self-service enabling

The OA service can be automatically enabled. You can log in to the Huawei Cloud official website console and choose **Products** > **Management & Governance** > **Optimization Advisor (OA)**. Click **Try Now**. You can easily check and analyze cloud resources and view the results on the page.

- Real-time and reliable monitoring

The check result is based on the real-time monitoring and sampling of cloud resource data, which ensures the timeliness of the check result.

- Visible check result

OA provides you with various charts and tables on the page to meet your requirements for monitoring data visualization in multiple scenarios.

4 Application Scenarios

- Prevention and strengthening

  You can learn about the running statuses of cloud resources in real time at a low cost, identify risks in advance, and take preventive and hardening measures to ensure service continuity.

- Key activity assurance

  For major online activities such as common promotions and promotions on important holidays, identify risks in advance to ensure the smooth completion of the activities and protect your brand value.

- Architecture adjustment

  Adjust the resource deployment architecture on the cloud and verify the rationality and security of the architecture deployment to ensure that the architecture meets service requirements as expected.

5 Billing

Currently, OA is in the open beta testing (OBT) period, and you can use it for free. After it is put into commercial use, you can purchase the support plan to obtain the service. Business and enterprise support plan users can obtain all check items. Developer and basic support plan users can obtain only the check items for security.

6 Constraints

You can check your cloud resources only in limited scenarios, but cannot identify all risks of your cloud resources.

7 Related Concepts

- Risk levels

  The check results are classified into safe, N/A, and risky base on risk level. Risky check results are classified into high-risk, medium-risk, and common based on service loss. High-risk: The risk of this level can cause service system damage, and major incidents such as service interruption, asset damage, and data loss may occur. Medium-risk items: The risk of this level can damage the service system. Common: Risks that need to be paid attention to.

- Service baseline

  Check whether the account is about to reach the service quota limit and remind the user to expand the service quota as soon as possible. Otherwise, resources cannot be created during scale-out, affecting the availability of the system.

8 Permission Management

None. All Huawei Cloud accounts can use this service to check their cloud service resources and download reports.