

# Distributed Database Middleware

## Product Bulletin

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# 1 [Discontinuation Notice] Some Node Classes of Huawei Cloud Distributed Database Middleware (DDM) Instances Will Be Going Offline

## Notice Content

On May 30, 2023, 00:00:00 GMT+08:00, Huawei Cloud will discontinue some node classes of Distributed Database Middleware (DDM) instances.

## Scope

Huawei Cloud regions

## Impacts

Huawei Cloud will not provide technical support for the node classes in [Table 1-1](#) any longer, including new functions, bug fixing, and upgrades. Huawei Cloud will provide new classes with similar features and performance. For details, see [Table 1-2](#). To avoid impacting your workloads, please choose any of the new node classes and change the node class of your instance. For prices, see [DDM pricing details](#).

If you have any questions, please submit a [service ticket](#) or call us at +86-4000-955-988 or +86-950-808.

**Table 1-1** Node classes to be discontinued

Flavor	CPU (cores)	Memory (GB)
ddm.s2.xlarge.2	4	8
ddm.s2.2xlarge.2	8	16
ddm.s2.4xlarge.2	16	32
ddm.s2.8xlarge.2	32	64

Flavor	CPU (cores)	Memory (GB)
ddm.s2.12xlarge.2	48	96
ddm.s2.16xlarge.2	64	128
ddm.c3.20xlarge.2	80	160
ddm.c3.24xlarge.2	96	192
ddm.c3.28xlarge.2	112	224
ddm.c3.32xlarge.2	128	256
ddm.c3.36xlarge.2	144	288
ddm.c3.40xlarge.2	160	320
ddm.c3.44xlarge.2	176	352
ddm.c3.48xlarge.2	192	384
ddm.c3.56xlarge.2	224	448
ddm.c3.64xlarge.2	256	512

**Table 1-2** Alternative node classes

Flavor	CPU (cores)	Memory (GB)
General-enhanced	8	16
	16	32
	32	64
Kunpeng general computing-plus	8	16
	16	32
	32	64

## FAQs

1. Why Is Huawei Cloud Discontinuing Some Node Classes of DDM Instances?  
The node classes to be discontinued are seldom used, and DDM will be providing new node classes that can give you higher performance and stability than the ones being discontinued.
2. Will Other Services Be Affected If Some Node Classes Are Taken Offline?  
No. There are no impacts on other services.
3. What Are the Impacts If I Continue to Use DDM Instances with the Discontinued Node Classes?

After these node classes are discontinued, Huawei Cloud cannot provide patch updates and technical support for newly detected security risks. As a result, there may be security risks in your workloads.

4. What Can I Do If I Still Want to Use a DDM Instance of an Offline Node Class?

Change the offline node class to an alternative.

5. How Can I Change Node Class of a DDM Instance from One Taken Offline to an Alternative?

For details, see [Changing node class](#).

6. What Are the Impacts If I Change Node Class of a DDM Instance from One Taken Offline to an Alternative?

During the change, your workloads may be briefly interrupted. So, change the node class during off-peak hours.

Changing the node class of your DDM instance only changes storage resources. It does not affect your workloads.

7. Does the Price Remain Unchanged After I Change Node Class from an Offline One to an Alternative One?

The price changes. For details, see [DDM pricing details](#).

If you have any questions about pricing changes, [create a service ticket](#) or contact customer service at +86-4000-955-988 or +86-950-808.

# 2 [Change Notice]DDM Instance Bills Are Changing

On June, 1, 2023, 00:00 GMT+08:00, Huawei Cloud will change the way your instance bill is displayed to improve your experience with Distributed Database Middleware (DDM).

## Change Content

On the new bill, the service types, resource types, and resource IDs of sub-resources will all be replaced with those of the primary resource. Historical bills remain unchanged.

The following uses a monthly transaction bill and usage details of a single-node DDM instance billed on a pay-per-use basis as an example. For transaction bills and usage details of yearly/monthly instances, refer to the following table (the main change is highlighted in red).

Original transaction bill

**Table 2-1** Original transaction bill

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction No.	Transaction Time	Bill Type	Specifications	Usage Type	Region
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-11 13:00:00 GMT+08:00	1945-dd86-5007-4475-b4e8-cde1976a9194	2023-05-11 14:00:00 GMT+08:00	Expenditure-use	ddm cluster	architecture	CN-Hong Kong

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction No.	Transaction Time	Bill Type	Specifications	Usage Type	Region
Distributed Database Middleware (DDM)	Distributed Database Middleware	Pay-per-Use	2023-05-11 13:00:00 GMT +08:00	4dfcea0a-da57-4146-bc8e-71a387767f11	2023-05-11 14:00:00 GMT +08:00	Expenditure-use	Distributed Database Middleware (DDM)_c6_8 vCPUs   16 GB	Duration	CN-Hong Kong

New transaction bill

On the new bill, the **Service Type** and **Resource Type** columns both display primary resource information.

**Table 2-2** New transaction bill

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction No.	Transaction Time	Bill Type	Specifications	Usage Type	Region	Sub-resource Product Type	Sub-resource Product
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-11 13:00:00 GMT +08:00	1945dd86-5007-4475-b4e8-cde1976a9194	2023-05-11 14:00:00 GMT +08:00	Expenditure-use	ddm   cluster	architecture	CN-Hong Kong	Distributed Database Middleware	Distributed Database Middleware Cluster



Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./ Transaction No.	Transaction Time	Bill Type	Specifications	Usage Type	Region	Sub-resource Product Type	Sub-resource Product
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-11 13:00:00 GMT +08:00	4dfcea0da57-4146-bc8e-71a387767f11	2023-05-11 14:00:00 GMT +08:00	Expenditure-use	Distributed Database Middleware (DDM)_c6_8vCPUs   16 GB	Duration	CN-Hong Kong	Distributed Database Middleware	Distributed Database Middleware

Original usage details

Table 2-3 Original usage details

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./ Transaction No.	Transaction Time	Bill Type	Resource ID	Resource Name	Specifications	Usage Type	Region
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-11 13:00:00 GMT +08:00	d5f5b7a8-da6c-4596-8bce-0e96e8861384	2023-05-11 14:00:00 GMT +08:00	Expenditure-use	ce7bdcae1ce746c98327339f4d411in09	ddm-b908	ddm   cluster	architecture	CN-Hong Kong

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./ Transaction No.	Transaction Time	Bill Type	Resource ID	Resource Name	Specifications	Usage Type	Region
Distributed Database Middleware (DDM)	Distributed Database Middleware	Pay-per-Use	2023-05-11 13:00:00 GMT+08:00	c322aa35-8040-4579-9ce4-14a15850e682	2023-05-11 14:00:00 GMT+08:00	Expenditure-use	2de9553e48db4ab989179a5336162a7a	ddm-b908	Distributed Database Middleware (DDM)_c6_8vCPUs   16GB	Duration	CN-Hong Kong

New usage details

The **Service Type, Resource Type, Resource ID, and Resource Name** columns all display primary resource information.

**Table 2-4** New usage details

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction No.	Transaction Time	Bill Type	Resource ID	Resource Name	Specifications	Usage Type	Region	Sub-resource ID	Sub-resource Name	Sub-resource Product Type	Sub-resource Product
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-13 00:00:00 GMT+08:00	194586-50075-b4e8-cde1976a9194	2023-05-11 14:00:00 GMT+08:00	Expenditure-reuse	ce7bdc1ce746c98327318039f4d411in09	ddm-b908	ddm cluster	architecture	CN-HongKong	2de9553e48db4ab9179a5336162a7a9no09.v.m	ddm-b908	Distributed Database Middleware	Distributed Database Middleware

Service Type	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction No.	Transaction Time	Bill Type	Resource ID	Resource Name	Specifications	Usage Type	Region	Sub-resource ID	Sub-resource Name	Sub-resource Product Type	Sub-resource Product
Distributed Database Middleware (DDM)	Distributed Database Middleware Cluster	Pay-per-Use	2023-05-11 13:00:00 GMT+08:00	4dfa5714-4bc8e71a3877f11	2023-05-11 14:00:00 GMT+08:00	Expenditure	ce7bdc1cae746c983278039f4d411in09	ddm-b908	Distributed Database Middleware (DDM)_c6_8vC PUs   16 GB	Duration	China-Hong Kong	ce7bdc1cae746c983278039f4d411in09	ddm-b908	Distributed Database Middleware	Distributed Database Middleware Cluster

For other changes, see Bills.

## Change Time

The change will be applied starting June, 1, 2023, 00:00 GMT+08:00. During the change, you can still access your DDM instances.