

文章

[Jingwei Wang](#) · 九月 27, 2021 阅读大约需2分钟

IRIS 2021 拨文档 First Look 21 数据弹性、高可用与灾备)和镜像

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??????First Look??????InterSystems IRIS®????????????data
resiliency????????????????-----????????????????-----?????? InterSystems IRIS ??????????

InterSystems IRIS ???
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??DR??????????????InterSystems IRIS ??????????????????

InterSystems IRIS ????????????????????? InterSystems IRIS
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?? InterSystems IRIS Data Integrity Guide??InterSystems
IRIS ??????????????

[[#1_Data_Resiliency:_What_InterSystems_IRI_anchor}?????????First Looks???????????? web
?????????First Looks?????InterSystems ?????

????Data Resiliency?InterSystems IRIS ???

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- ? InterSystems IRIS ?????????????????????????????????
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InterSystems IRIS ?????????????????

?????InterSystems IRIS ???

????Data Resiliency?InterSystems IRIS ???

??Inter
Systems IRIS ??????????write image journaling
technology??InterSystems IRIS
???[[#2.1_Write_Image_Journaling:_Protection_A
.anchor}??InterSystems IRIS ?????????????????????????????

???????Write Image Journaling????????????

????????????????????????????????????block????????????????block??
????????????????? InterSystems IRIS ??????????Write image
journaling?WIJ??

??????WIJ????????two-phase????????InterSystems IRIS ?????????????? IRIS.WIJ ??????????
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??????The write daemon?? InterSystems IRIS ??????????WIJ????????????? InterSystems IRIS
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WIJ??InterSystems IRIS ??????? WIJ
??two-phase????????????????????

- ??????? WIJ ???
- ?????????????? WIJ ???

???Journaling????????????????

???Journaling??
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InterSystems IRIS ??????????"?"??
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???Mirroring????????????????

InterSystems IRIS ???Mirroring??
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? SAN ?????????????????????????????

InterSystems IRIS ?????????????????????Mirroring????????Virtualization??

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```
},  
  
{  
  
  "Role": "AR",  
  
  "Count": "1",  
  
  "StartCount": "3",  
  
  "DockerImage": "intersystems/arbiter:stable"  
  
}  
  
]
```

DockerImage AR AR InterSystems IRIS DATA InterSystems
image arbiter image InterSystems Identify Docker
Repository and Credentials Docker

InterSystems IRIS icm run ICM

- global
-

0. ? ICM **icm inventory** ICM Label-Role-
Tag-NNNN Role ? ICM DATA +
- label Acme tag TEST **icm inventory** ?

\$ icm inventory

Machine IP Address DNS Name Region Zone

Acme-DATA-TEST-0001+ 00.53.183.209 ec2-00-53-183-209.us-west-1.compute.amazonaws.com us-
west-1 c

Acme-DATA-TEST-0002- 00.53.183.185 ec2-00-53-183-185.us-west-1.compute.amazonaws.com us-west-1 c

??InterSystems IRIS?????????????

??? ?????????????????? + ? - ?? **icm ps** ???

2. ?????????????????? InterSystems ???Terminal??

\$ icm session -interactive -machine Acme-DATA-TEST-0001

3. ???Terminal????????????? **DB** ?????????????????? DB?ICM ?????????????????????? DB
?????? *global?globals* ? InterSystems IRIS ??????????????

DB> Set \^myfirstglobal="congratulations"

4. ?????????? global ???

DB> Write \^myfirstglobal congratulations

5. ??????????????????????????????Terminal?????

\$ icm session -interactive -machine Acme-DATA-TEST-0002

6. ????? **Write** ???global ?? DB ?????

DB> Write \^myfirstglobal congratulations

7. ?????????????????????????????? global ??????????????????

DB> Set \^myfirstglobal="what next?"

<PROTECT>

8. ??? ICM ?????????????????????????????? InterSystems IRIS ???ICM ?????????? IRIS??

\$ icm exec -command "iris stop IRIS quietly restart" -machine Acme-DATA-TEST-0001

??? **-quietly** ??? **iris stop** ?????????????????? ICM ??

```
$ icm exec -command "iris stop IRIS restart" -interactive -machine Acme-DATA-TEST-0001
```

9. ?????????? Acme-DATA-TEST-0002 ?????Terminal??
????????????????Acme-DATA-TEST-0002 ????????????????????? global ????

```
DB> Set \^myfirstglobal="what next?"
```

```
DB> Write \^myfirstglobal what next?
```

10. ?? **icm ps** ??????????????

```
$ icm ps
```

```
???? InterSystems ????????????
```

11. ?????????? Acme-DATA-TEST-0001 ?????????Terminal????????????????? Acme-DATA-TEST-0002
????????????????????????????global ???

```
$ icm session -interactive -machine Acme-DATA-TEST-0001 DB> Write \^myfirstglobal
```

```
what next?
```

```
DB> Set \^myfirstglobal="another First Look!"
```

```
<PROTECT>
```

```
????????????????????????????????????????????????????????????
```

```
????????????????????????????InterSystems ?????????? Unprovision the  
Infrastructure???????????????????????????????????????????????????????????? AWS  
????????[#{#4_Learn_More_About_InterSystems_Data_Res .anchor}????????????????????????????????????????????
```

???? InterSystems ????????????

```
????? InterSystems IRIS ?????? ICM ??????????????????????
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- High Availability Guide??????????????
- Data Integrity Guide??????????????
- InterSystems Cloud Manager Guide??InterSystems ??????????
- [What is InterSystems Cloud Manager?????? InterSystems ?????????\(??\)](#)

- [The ICM Experience:Pat and Tracy ??ICM ???Pat ? Tracy??](#) (??)
- [InterSystems in the Cloud Experience?????? InterSystems??](#) (????)

[#Ensemble](#) [#InterSystems IRIS](#) [#InterSystems IRIS for Health](#)

源 URL: <https://cn.community.intersystems.com/post/iris-2021-%E6%8A%80%E6%9C%AF%E6%96%87%E6%A1%A3-first-look-21-%E6%95%B0%E6%8D%AE%E5%BC%B9%E6%80%A7%EF%BC%88%E6%81%A2%E5%A4%8D%E3%80%81%E9%AB%98%E5%8F%AF%E7%94%A8%E4%B8%8E%E7%81%BE%E5%A4%87%EF%BC%89%E5%92%8C%E9%95%9C%E5%83%8F>