

	.....	1
	.....	4
1.	.....	4
2.	.....	4
3.	.....	4
4.	.....	5
5.	.....	6
6.	.....	8
7.	.....	11
8.	.....	12
	.....	13
1.	.....	13
2.	.....	13
3.	.....	17
4.	.....	17
5.	.....	18
6.	.....	18
7.	.....	19
	.....	20
1.	.....	20
2.	.....	20
	.....	23
1	.....	23

2	.....	24
3	.....	25
4	.....	26
5	.....	30
6	.....	31
7	.....	32
8	.....	33
9	.....	34
10	.....	35
11	.....	36
12	.....	37

” † 2023

” †

1

2 2023-G010

3.

CDN

/ /

1

2

3.

4.

/

5.

6

1 .

2.

ISO9001

ISO22301

ISO27701

GB/T27922

3.

CCRC

CMMI

CS2

(

)

ITSS

-

IAAS

4.

5.

2023 5 26 16:00

9:30-11:30

14:00-17:30

2023 6 1 9:30

8

6

13911381014

zhaobiao@minshengedu.com

1.

2.

6

6

jcjubao@mail.open.com.cn

2023 5 18

1.

2023-G010

2.

2001

12

2005

4

40

300

1800

100

9

180

3.

4.

4.1

4.2

IT

2 3

3

5ms

IT

2 3

4.3

4.4

4.5

5.

CDN

/ /

1			16C/32G /50GB 2.5 GHz-3.5GHz 7Gbps 150 PPS		24
2			8C/16G /50GB 2.5 GHz-3.5 GHz 4 Gbps 80 PPS		11
3			16C/64G /50GB 2.5 GHz-3.5 GHz 7Gbps 150 PPS		1
4			2C/16G /50GB 2.5 GHz-3.5 GHz 1.5Gbps 30 PPS		1
5			2C/4G /50GB 2.5 GHz-3.5 GHz 1.5Gbps 30 PPS		6

6			2C/8G /50GB 2.5 GHz-3.5 GHz 1.5Gbps 30 PPS		1
7			4C/16G /50GB 2.5 GHz-3.5 GHz 2Gbps 50 PPS		1
8			4C/8G /50GB 2.5 GHz-3.5 GHz 2Gbps 50 PPS		3
9			8C/32G /50GB 2.5 GHz-3.5 GHz 4Gbps 80 PPS		1
10			62C/470G /50GB 2.7GHz-3.3 GHz 50Gbps 1000 PPS		1
11			20C/80G /50GB 2.4GHz-3.5 GHz GPU 2 V100 6Gbps 150 PPS		2
12			12C/44G /50GB 2.4GHz-3.5GHz GPU 1 A10 2Gbps 50 PPS		1
13			8C/64G /50GB 2.5 GHz-3.5 GHz 4Gbps 80 PPS		2

14			300GB SSD	GB/	300
15			7.5TB ESSD	GB/	7500
16			85TB	GB/	85000
17			1000TB	GB/	1000000
18		Mysql	8C/16GB/200GB 3000 IOPS 5000 mysql 8.0 mysql5.7		4
19		IP BGP IP	IP BGP		41
20			5 5000 QPS 5000		2
21		NAT	100w		2
22			EIP 50	Mbps /	312
23		DDoS	2G Anti-DDoS CC SYN Flood UDP Flood DDoS 300G bps BGP DDoS 5 IP		1
24		CDN	50 30	Mbps /	3.78Gbps
25			20	Mbps /	400Mbps

6.

1			Intel AMD 20 20TB GPU A10 V100	
2			HA	
3			WINDOWS LINUX	
4			RAW VMDK VHD QCOW2	
5				
6			CPU	
7			SSD ESSD 20T 20 SSD 10 IOPS 1000MB/S	
8				
9			99.9999999%	
10				
11			RESTful Java Python PHP C++ C# .Net Android IOS SDK http https API	
12			UGC	
13				
14				
15			VPC IP	
16				
17			30 BGP	

18			IPV6	
19				
20		NAT	SNAT DNAT	
21			IP http/https session HTTP	
22			4 7 TCP UDP WebSocket QUIC	
23			IDC IP	
24			Master	
25			Overlay/Underlay VPC IP POD IP	
26				
27			IDC kubernetes	
28				
29			ServiceMesh	
30				
31			Mysql Redis	
32			KMS	
33			WAF Robot ip	
34				

35		DDoS	DDoS BGP CC 1T TCP/UDP 15 QPS CC	
36			2G BGP DDoS	
37			DDoS	
38			http https http header	
39			Referer , IP	
40	CDN		API URL 10000 URL 1000 URL	
41			+	
42			MP4 HLS FLV ACC	
43			H.264 H.265	
44			Key IP IP	

„ ★ †

„ △ †

7.

7.1

7.2

7.3

	7x24
	7x24
	IM
	API SDK /
	/
	< 5 /

8.

8.1

8.2

PPT

1.

1.1

1.1.1

1.1.2

1.2

1.2.1

1.2.2

2

1.2.3

2

1.2.4

/

1.2.5

2.

2.1

2.1.1

1

2

3

4

5

6

1

2 2021 2022

3

7

1

2

ISO9001

ISO22301

ISO27701

GB/T27922

3

CCRC

CMMI

CS2

(

)

ITSS

-

IAAS

4

5

8

1

2020 5 1

2

”

/

†

”

†

”

†

”

†

9

10

1.

2.

3.

2.2

2.2.1

2.2.2

2.2.3

2.2.3.1

5

1

U

4

”

†

”

†

1 1

2.2.3.2

” †

2.2.3.3

2.3

2.3.1

2.3.1.1

” † ” † ” †

2.3.1.2

2.3.2

2.3.3

2.3.3.1

2.3.3.2

2.3.3.3

2.3.3.4

2.3.3.5

2.4

2.4.1

2.3.1

/

2.4.2

2.1 2.2

2.4.3

3.

3.1

3.2

4.

4.1

90

4.2

5.

6.1

6.2

6.3

6.

6.1

2023 5 30 10:00

/

8

6

6.2

6.2.1

6.2.2

6.2.3

6.2.4

7.

7.1

7.2

,

7.3

7.4

7.5

7.6

7.7

1.

100

10

40

50

2.

2.1

10

1	2	1	ISO9001
		2	ISO22301
		3	ISO27701
		4	GB/T27922
2	2.5	1	CCRC
		2	CMMI
		3	CS2
		4	()

		5 ITSS - IAAS	
3	3	1 2 3 4 5 6	3 0.5 3
4	2.5	1 2020 1 1	1 0.5 2.5 0.5 2.5

2.2

40

1	15	1	5 2
		2	5 2
		3	3 1
		4	2 1
2	15	1 UGC	3 1

		2 OSS	3 1
		3 CDN rtc	3 1
		4 AI	3 1
		5	3 1
3	10		10 : 1 ” † 0.5 10

2.3 50

1	50	Ø50 / 50

1

1.

2.

3.

”

†

4.

2

() () ()
() ()

2023-G010

			()

12

2

”

-

†