



سُيَسَّرُ سِرُّهُ سُرْعَةً فِي بَرِّ رَجْعِهِ  
 دَعَا، بَرُّهُ رَجْعُهُ

## دَاخِرِيَّةٌ لِمَا كُنْتُمْ

### سُيَسَّرُ 5

رُتِبَتْ لِكُلِّ دَاخِرِيَّةٍ كَوْنِيَّةٍ سَمَوِيَّةٍ وَرَجْعِيَّةٍ، دَاخِرِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ  
دَاخِرِيَّةٌ كَوْنِيَّةٌ وَرَجْعِيَّةٌ

|                                      |  |
|--------------------------------------|--|
| 2) كَوْنِيَّةٌ: 05 سُرْعَتَيْهِ 2022 | 1) دَاخِرِيَّةٌ سُرْعَتَيْهِ: (IUL)177-A1/1/2022/53                        |
| 4) كَوْنِيَّةٌ: 11:00                | 3) كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ: 19 سُرْعَتَيْهِ 2022 (رَجْعِيَّةٌ) |

### 01. كَوْنِيَّةٌ

رُتِبَتْ لِكُلِّ دَاخِرِيَّةٍ كَوْنِيَّةٍ سَمَوِيَّةٍ وَرَجْعِيَّةٍ، دَاخِرِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ  
 دَاخِرِيَّةٌ كَوْنِيَّةٌ وَرَجْعِيَّةٌ

### 02. تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ

01. كَوْنِيَّةٌ كَوْنِيَّةٌ سَمَوِيَّةٌ وَرَجْعِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ.
02. رَجْعِيَّةٌ كَوْنِيَّةٌ سَمَوِيَّةٌ وَرَجْعِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ CAT6 كَوْنِيَّةٌ كَوْنِيَّةٌ.
03. رَجْعِيَّةٌ كَوْنِيَّةٌ سَمَوِيَّةٌ وَرَجْعِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ كَوْنِيَّةٌ.
04. رَجْعِيَّةٌ كَوْنِيَّةٌ سَمَوِيَّةٌ وَرَجْعِيَّةٌ كَوْنِيَّةٌ تَدْرُسُ سُرْعَةَ سُرْعَتَيْهِ كَوْنِيَّةٌ كَوْنِيَّةٌ.
05. كَوْنِيَّةٌ دَاخِرِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ 4 كَوْنِيَّةٌ كَوْنِيَّةٌ دَاخِرِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ 1، 2، 3، 4 وَ  
 كَوْنِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ.
06. كَوْنِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ 2 كَوْنِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ.
07. كَوْنِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ كَوْنِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ.
08. رَجْعِيَّةٌ كَوْنِيَّةٌ سَمَوِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ رَجْعِيَّةٌ كَوْنِيَّةٌ 4U كَوْنِيَّةٌ كَوْنِيَّةٌ.

## Minimum Specification

### Manageable Network Switch 16 port (for ground, 2<sup>nd</sup>, and 3<sup>rd</sup> floor- refer to annex 1,3 &4)

Quantity: 3

Minimum requirements:

|                    |   |
|--------------------|---|
| Ports              | 10/100/1000BASE-T ports 16                    |
| Power              | AC: 100-240V                                  |
| Other requirements | Minimum 1 year warranty and Hardware support. |

### Manageable Network Switch 12 port (for Projector room and 1<sup>st</sup> floor- refer to annex 2)

Quantity: 2

Minimum requirements:

|                    |   |
|--------------------|---|
| Ports              | 1000Base-T Interface 12                       |
| Power              | AC: 100-240V                                  |
| Other requirements | Minimum 1 year warranty and Hardware support. |

### Manageable Network Switch 24 port (for 2<sup>nd</sup> floor- refer to annex 3)

Quantity: 1

Minimum requirements:

|                    |   |
|--------------------|---|
| Ports              | 10/100/1000BASE-T ports 24                    |
| Power              | AC: 100-240V                                  |
| Other requirements | Minimum 1 year warranty and Hardware support. |

## 2. Unified Threat Management

Quantity: 1

Minimum requirements:

|                    |  |
|--------------------|--|
| Features           | Customizable internet threat filtration and traffic identification for enhanced network security |
|                    | Bluetooth-powered setup via Network web application or mobile app                                |
|                    | 1U-sized, rack-mountable   |
|                    | Integrated security gateway and NVR that supports compatible 3.5” HDDs                           |
|                    | 128 GB integrated storage  |
| Software setup     | Firewall software must be set up at this office (online or physically)                           |
| Other requirements | Minimum 1 year warranty and Hardware support.  |

## Wi-Fi Access point

Quantity: 11

Minimum requirements:

|                    |   |   |
|--------------------|---|---|
| Ports              | GbE RJ45 port                                   | 1 |
| Features           | 802.3ac Wave 1 Wi-Fi technology                 |   |
|                    | 5 GHz band with 867 Mbps throughput rate        |   |
|                    | 2.4 GHz band with a 450 Mbps throughput rate    |   |
|                    | Signal transmission up to 183 meters (600 feet) |   |
|                    | Powered by 802.3at PoE* or 24V passive PoE      |   |
| Other requirements | Minimum 1 year warranty and Hardware support.   |   |

شماره .03

## Network Attached Storage (NAS)

Quantity: 1

Minimum requirements: **Synology – RS2421RP+**

|                     |   |
|---------------------|---|
| Occupied rack space | Less than 12 inch deep<br>maximum 2U          |
| Installed Storage   | 30TB with redundancy capabilities             |
| Storage hard type   | SSD   |
| RAM                 | 4GB   |
| Other requirements  | Minimum 1 year warranty and Hardware support. |

## Server

Quantity: 1

Minimum requirements: **Domain Controller / Office DMS**

|                    |  |
|--------------------|--|
| Type               | Rackmountable Server                                       |
| Processor          | 10 <sup>th</sup> Generation Intel Core processor or latest |
| Compatible Storage | 8TB  |
| Installed Storage  | 4TB  |
| Storage hard type  | SSD  |
| RAM                | 64GB   |
| Other requirements | Minimum 2-year warranty and hardware support               |
| Power Supply       | 2 x 430W Redundant hot-swap Power Supply                   |
| NIC                | 2 x 2.5 Giabit Ports                                       |
| PCI Slots          | 8 PCIe 3.0 slots   |
| Remote             | iDRAC8 or iDRAC9 with Lifecycle Controller                 |
| Optical Media      | DVD ROM  |
| Other requirements | Minimum 1 year warranty and Hardware support.              |

### Server Rack

Quantity: 1

Minimum requirements:

|                                |   |
|--------------------------------|---|
| Type                           | 42U rack  |
|                                | 42U Smart Rack enclosure with doors and side panels   |
|                                | Adjustable mounting rails with easy view depth index and toolless mounting slots for PDUs and vertical cable managers ; Locking, removable, reversible front and rear doors |
| PDU x3pcs                      | PDU 20Way 19" With IEC C13, UK Plug   |
| Installation and Configuration | Cable installation should be managed with cable Management Bars   |

### Uninterruptible power supply (UPS)

Quantity: 1

Minimum requirements:

|                            |   |
|----------------------------|---|
| Configurable Power (Watts) | 3000VA Smart UPS with SmartConnect, 19" Rack Mountable UPS Battery Backup, Sinewave, AVR, 230V, Line Interactive Uninterruptible Power Supply |
| Input voltage              | 230V  |
| Other requirements         | Minimum 1 year warranty and Hardware support.   |

### Fingerprint Time Attendance and access control

Quantity: 1

Minimum requirements:

Fingerprint Capacity : **8,000**

ID Card Capacity : **10,000 (Must Include)**

Record Capacity : **200,000**

Display : **3.5-inch TFT Screen**

Communication : **RS232/485, TCP/IP, USB-host/client**

Standard Functions : **Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Anti-passback, Camera, Built-in Battery**

Access Control Interface : **3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell**

Wiegand Signal : **Input & Output**

Optional Functions : **ID/Mifare/HID, Webserver, Wi-Fi, GPRS, 3G**

Verification Speed : **≤1 sec**

01. ریسورس سرڈس سٹریٹجی کے تحت ریسورس ڈسٹریبیوشن کو یقینی بنانا.
02. ایگزیکٹو اور ڈیپارٹمنٹل لیڈرز کے درمیان ریسورس ڈسٹریبیوشن کو یقینی بنانا.
03. کارکنوں کی سہولتوں کے ساتھ ساتھ ان کی سہولتوں کو یقینی بنانا.
04. ایڈمنسٹریٹو سہولتوں کے ساتھ ساتھ ان کی سہولتوں کو یقینی بنانا.
05. سٹریٹجی کے ساتھ ساتھ (AD,DNS etc.) ریسورس کو یقینی بنانا.
06. ایڈمنسٹریٹو سہولتوں کے ساتھ ساتھ ان کی سہولتوں کو یقینی بنانا.
07. ایڈمنسٹریٹو سہولتوں کے ساتھ ساتھ ان کی سہولتوں کو یقینی بنانا (7374645) (ایڈمنسٹریٹو) ریسورس ڈسٹریبیوشن کو یقینی بنانا.

| 06. <u>06. 06. 2022</u> |                         | 07. <u>07. 07. 2022</u>    |
|-------------------------|-------------------------|----------------------------|
| 08. <u>08. 08. 2022</u> | 09. <u>09. 09. 2022</u> | 10. <u>10. 10. 2022</u>    |
| 11. <u>11. 11. 2022</u> | 12. <u>12. 12. 2022</u> | 13. <u>13. 13. 2022</u>    |
| 14. <u>14. 14. 2022</u> | 15. <u>15. 15. 2022</u> | 16. <u>16. 16. 2022</u>    |
| 17. <u>17. 17. 2022</u> | 18. <u>18. 18. 2022</u> | 19. <u>19. 19. 2022</u>    |
| 20. <u>20. 20. 2022</u> | 21. <u>21. 21. 2022</u> | 22. <u>22. 22. 2022</u>    |
| 23. <u>23. 23. 2022</u> | 24. <u>24. 24. 2022</u> | 25. <u>25. 25. 2022</u>    |
| 26. <u>26. 26. 2022</u> | 27. <u>27. 27. 2022</u> | 28. <u>28. 28. 2022</u>    |
| 29. <u>29. 29. 2022</u> | 30. <u>30. 30. 2022</u> | 31. <u>31. 31. 2022</u>    |
| 32. <u>32. 32. 2022</u> | 33. <u>33. 33. 2022</u> | 34. <u>34. 34. 2022</u>    |
| 35. <u>35. 35. 2022</u> | 36. <u>36. 36. 2022</u> | 37. <u>37. 37. 2022</u>    |
| 38. <u>38. 38. 2022</u> | 39. <u>39. 39. 2022</u> | 40. <u>40. 40. 2022</u>    |
| 41. <u>41. 41. 2022</u> | 42. <u>42. 42. 2022</u> | 43. <u>43. 43. 2022</u>    |
| 44. <u>44. 44. 2022</u> | 45. <u>45. 45. 2022</u> | 46. <u>46. 46. 2022</u>    |
| 47. <u>47. 47. 2022</u> | 48. <u>48. 48. 2022</u> | 49. <u>49. 49. 2022</u>    |
| 50. <u>50. 50. 2022</u> | 51. <u>51. 51. 2022</u> | 52. <u>52. 52. 2022</u>    |
| 53. <u>53. 53. 2022</u> | 54. <u>54. 54. 2022</u> | 55. <u>55. 55. 2022</u>    |
| 56. <u>56. 56. 2022</u> | 57. <u>57. 57. 2022</u> | 58. <u>58. 58. 2022</u>    |
| 59. <u>59. 59. 2022</u> | 60. <u>60. 60. 2022</u> | 61. <u>61. 61. 2022</u>    |
| 62. <u>62. 62. 2022</u> | 63. <u>63. 63. 2022</u> | 64. <u>64. 64. 2022</u>    |
| 65. <u>65. 65. 2022</u> | 66. <u>66. 66. 2022</u> | 67. <u>67. 67. 2022</u>    |
| 68. <u>68. 68. 2022</u> | 69. <u>69. 69. 2022</u> | 70. <u>70. 70. 2022</u>    |
| 71. <u>71. 71. 2022</u> | 72. <u>72. 72. 2022</u> | 73. <u>73. 73. 2022</u>    |
| 74. <u>74. 74. 2022</u> | 75. <u>75. 75. 2022</u> | 76. <u>76. 76. 2022</u>    |
| 77. <u>77. 77. 2022</u> | 78. <u>78. 78. 2022</u> | 79. <u>79. 79. 2022</u>    |
| 80. <u>80. 80. 2022</u> | 81. <u>81. 81. 2022</u> | 82. <u>82. 82. 2022</u>    |
| 83. <u>83. 83. 2022</u> | 84. <u>84. 84. 2022</u> | 85. <u>85. 85. 2022</u>    |
| 86. <u>86. 86. 2022</u> | 87. <u>87. 87. 2022</u> | 88. <u>88. 88. 2022</u>    |
| 89. <u>89. 89. 2022</u> | 90. <u>90. 90. 2022</u> | 91. <u>91. 91. 2022</u>    |
| 92. <u>92. 92. 2022</u> | 93. <u>93. 93. 2022</u> | 94. <u>94. 94. 2022</u>    |
| 95. <u>95. 95. 2022</u> | 96. <u>96. 96. 2022</u> | 97. <u>97. 97. 2022</u>    |
| 98. <u>98. 98. 2022</u> | 99. <u>99. 99. 2022</u> | 100. <u>100. 100. 2022</u> |

07. 07. 07. 2022 7374645/3310898

08. 08. 08. 2022 [info@nca.gov.mv](mailto:info@nca.gov.mv)

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