Menu Route Map

```
Select Wired/Wireless LAN
  Wired LAN, Wireless LAN
 Wireless LAN Settings
    WPS Push Button Mode
     WPS PIN Code Mode
      SSID Settings
        —Select Access Point
         --- Enter Manually
                 Security Settings
                     −WEP Copen System, Shared Key
      Power Save Mode
       └─Off, On
        — MAC Address
          -Wireless I AN Status

    Latest Error Information

          -Channel
         SSID Settings
          -Security Settings
         Power Save Mode
Enable Direct Connection
TCP/IP Settings
          - IP Address Settings
                      Select Protocol
Off, DHCP
                     -Auto IP
                        └─Off, On
                 Manually Acquire
                     -Subnet Mask: 0.0.0.0
                     -Gateway Address: 0.0.0.0
                  Check Settings
                   —Auto Acquire
                    — IP Address
                      -Subnet Mask
                  Gateway Address
           -DNS Settings
               DNS Server Settings
Primary DNS Server: 0.0.0.0
                  Secondary DNS Server: 0.0.0.0
                 DNS Host Name/Domain Name Settings
                  Host Name
Domain Name
                -DNS Dynamic Update Settings
                  Off, On 0 to 24 to 48 (hr.)
             └─Off, On
           -DHCP Option Settings
               —Acquire Host Name

—Off, On
                 DNS Dynamic Update
                   Off, On
                 Acquire DNS Server Address
                 Acquire Domain Name
                 Acquire WINS Server Address
                  └─Off, On
                 Acquire SMTP Server Address
                 Acquire POP Server Address
      IPv6 Settings
               Off, On, Check Settings
                          Link-Local Address
Prefix Length
            Stateless Address Settings
            Off, On, Check Settings
Stateless Address
Prefix Length
           IISA DHCPv6
             off, On, Check Settings
                          — Stateful Address
— Prefix Length
           -DNS Settings
               - DNS Host Name/Domain Name Settings
                (Use IPv4 Host/Domain)
—Off, On
                        Host Name
Domain Name
                -DNS Dynamic Update Settings
                             Register Manual Address
                              Register Stateful Address
                              Register Stateless Address
                              -DNS Dynamic Update Interval
                                └─0 to 24 to 48 (hr.)
           mDNS Settings
            L—Off, On
L—Off(mDNS Name), On
           -DHCP Option Settings
               Acquire DNS Server Address
              Acquire Domain Name
                  └─ Off, On
      WINS Settings
        -WINS Resolution
             └─Off, On(WINS Server Address: 0.0.0.0)
      LPD Settings
        —LPD Print Settings

└─Off, On
            RY Timeout
            └─1 to 5 to 60 (min.)
      RAW Settings
         - RAW Print Settings
           -RX Timeout
             └ 1 to 5 to 60 (min.)
        SD Settings
          -WSD Print Settings
                -Use WSD Print
                  └─Off, On
                -Use WSD Browsing
           WSD Scan Settings
             Use WSD Scan
             Use Computer Scan
          -Use Multicast Discovery
             └─Off, On
         FTP PASV Mode
      Jse Fir . .
Off, On
      Use HTTP
```

```
-LPD
—1 to 515 to 65535
           RAW 1 to 9100 to 65535
           -WSD Multicast Discovery
-1 to 3702 to 65535
           -НТТР
            └─1 to 80 to 65535
           -Multicast Discovery
            -1 to 427 to 65535
             -1 to 110 to 65535
          -SMTP ____1 to 25 to 65535
            1 to 21 to 65535
          -SNMP
            └─1 to 161 to 65535
      MTU Size
       ☐ 1300, 1400, 1500
 SNMP Settings
      SNMPv1 Settings
      SNMPv3 Settings
      Acquire Printer Management Information from Host
       └─Off, On
  Dedicated Port Settings
 Waiting Time for Connection at Startup
  ___ o to 300 (sec.)
 Ethernet Driver Settings
     MAC Address
      Auto Detect
        Ulo _.

☐Off, On
                -Communication Mode
                -Ethernet Type
                  10BASE-T, 100BASE-TX, 1000BASE-T
IEEE 802.1X Settings
Device Settings Management On/Off
Initialize Network Settings
```

```
efault Screen after Startun/Restoration
        Home, Copy, Fax, Scan, Memory Media Print
       lome Screen Button Display Settings
            -Select Button to Display
               Favorite Copy Settings
                  -Favorite Fax Settings
               Favorite Scan Settings
            Set Display Order
        Insert and Delete Blank
       Brightness
Five Levels
      Invert Screen Colors
      Millimeter/Inch Entry Switch
       Gram/Pound Switch
       └─Gram, Pound
       Message Display Time

1 to 2 to 5 (sec.)
       Scrolling Speed
Slow, Standard, Fast
      Cursor Movement Type
            Auto, Manual
      Language
       English, Japanese, French, Spanish, German,
            Italian, Portuguese, Chinese (Simplified),
Chinese (Traditional), Korean
          note UI Language
        English, Japanese, French, Spanish, German,
Italian, Portuguese, Chinese (Simplified),
Chinese (Traditional), Korean
English Keyboard Layout
```

```
Timer Settings
            └─YYYY MM/DD, MM/DD/YYYY, DD/MM YYYY
            Time Format
            └─12 Hour (AM/PM), 24 Hour
          Current Date/Time Settings
            UTC-12:00 to (UTC-05:00) Eastern Time (US & Canada) to UTC+14:00
           Daylight Saving Time Settings
Off, On
                    Start: Month, Week, Day
End: Month, Week, Day
      Auto Reset Time
       U=Off (Auto Reset is disabled.), 1 to 2 to 9 (min.)
     Function After Auto Reset
           Default Function, Selected Function
     Auto Sleep Time
          -3 to 240 (min.)
    Auto Offline Time
       0=Off (The machine remains online.), 1 to 5 to 60 (min.)
```

```
-Multi-Purpose Tray
                └─Off, On
                Off, On
           Drawer 2*
              −Drawer 1

└─Off, On
            Drawer 2*
                Off, On
           Receive/Fax
                Off, On
                Off, On
              -Drawer 2*
            Multi-Purpose Tray
              -Drawer 1
              -Drawer 2*
                └─Off. On
           Speed Priority, Print Side Priority
               Speed Priority, Print Side Priority
Settings marked with (*) are only available when the optional pape
```

```
umber of Copies
Nine Level
        Auto
Adjust (Manual)
Nine Levels
Original Type
 Text, Text/Photo, Text/Photo (Quality), Photo
 Off, 1-Sided->2-Sided, 2-Sided->2-Sided, 2-Sided->1-Sided, Original/Finishing Type
Copy Ratio
 Custom Ratio, 100% (Direct), 400% (Max), 200%, 129% STMT->LTR, 78% LGL->LTR, 64% LTR->STMT, 50%, 25% (Min)

    Multi-Purpose Tray, Drawer 1, Drawer 2*,
    Auto Select Paper (LTR/LGL)

I on 1 

☐ Off, 2 on 1, 4 on 1, ID Card Copy, Select Layout
Frase Fram
Sharpness
Seven Levels
```

```
Settings marked with (*) are only available when the optional paper drawer (drawer 2) is attached.
     Basic Settings
           Register Unit Telephone Number
            Select Line Type
             Pulse, Tone
            Off-Hook Alarm
            Communication Management Settings
              —TX Start Speed
                   33600 bps, 14400 bps, 9600 bps, 7200 bps, 4800 bps, 2400 bps
                     33600 bps, 14400 bps, 9600 bps, 7200 bps, 4800 bps, 2400 bps
                     chive TX Document
                     └─ Off, On
       TX Function Settings
           Change Default Setting
                  Resolution L 200 x 100 dpi (Normal),
                       200 x 200 dpi (Fine),
                       200 x 200 dpi (Photo),
                       200 x 400 dpi (Superfine)
                  Density
                   └─Nine Levels
                 -2-Sided Original
                    └─Off, Book Type, Calendar Type
                 -Sharpness
-Seven Levels
            Register Unit Name (Fax)
              └─Off, On
            Set Pause Time

1 to 2 to 15 (sec.)
            Auto Redial
                         -Number of Times to Redial
                            └-1 to 2 to 10 (times)
                           Redial Interval
                            2 to 99 (min.)
                           Redial When Error Occurs
            TX Terminal ID
              Ŭ—Off, On
                          -Print Position
                                Outside Image Area
                         - Mark Number as
            Check Dial Tone Before Sending
            Allow Fax Driver TX
             └─Off, On
             Confirm Entered Fax Number
             Restrict Sequential Broadcast

    Off, Confirm Sequential Broadcast,
    Reject Sequential Broadcast

                ialize Default Settings
      RX Function Settings
             └─Off, On
             ☐ Off, On ☐ 1 to 2 to 99 (times)
            Remote RX
└─Off, On
           -Switch to Auto RX
-Off, On
-1 to 15 to 99 (sec.)
              └─Off, On
                          -Report Print
                            i_Off, Or
                           Memory Lock Time
                                     -Memory Lock Start Time
     RX Print Settings
           Print on Both Sides
            Reduce RX Size
              └─Off, On
                            L_Auto, 97%, 95%, 90%, 75%
                          -Direction
                            └─Vertical/Horizontal, Vertical Only
            RX Page Footer
              └─Off, On
```

Continue Printing When Amount in Cartridge Is Low

└─Off, On, Only When Error Occurs

└─Off, Only When Error Occurs

Off, On

Store Images in Memory

orwarding Settings - Enable Forwarding Settings

Print Images

Fax Setup Guide

```
Change Default Settings
                Scan Size
                 LTR, LGL, STMT
                Color Mode
                  Color, Black & White
                  —PDF, PDF (Compact), PDF (Compact/OCR),
                     PDF (OCR), JPEG, TIFF
               Density
                  └─Nine Levels
               Original Orientation
Portrait, Landscape
                Original Type

Text, Text/Photo, Photo
               2-Sided Original
                 └─Off, Book Type, Calendar Type
                Sharpness
                 Seven Levels
         Small: Memory Priority, Standard,
Large: Image Quality Priority
Initialize Default Settings
          Change Default Settings
               Scan Size
               Color Mode
                 Color, Black & White
               File Format
                 PDF, PDF (Compact), PDF (Compact/OCR), PDF (OCR), JPEG, TIFF
                 └─Nine Levels
               Original Orientation
                  Portrait, Landscape
               Original Type
—Text, Text/Photo, Photo
                2-Sided Original

☐ Off, Book Type, Calendar Type
                Sharpness
                Data Size
                 Small: Memory Priority, Standard,
Large: Image Quality Priority
                Subject/Message
                Subject Subject Message
               Reply To
None, Specify from Address Book
               -Priority
                  Low, Standard, High
         Initialize Default Settings
          TX Function Settings
               -Change Default Settings
                      Scan Size
LTR, LGL, STMT
                      Density
Nine Levels
                     Original Type

Text, Text/Photo, Photo
                      2-Sided Original
                       └─Off, Book Type, Calendar Type
                      Sharpness
                       Seven Levels
                     Subject/Message
                       Subject
Message
                     Reply To
None, Specify from Address Book
                TX Terminal ID
                 —Off
                     On
                              Inside Image Area,
               -Initialize Default Settings
          RX Print Settings
               Print on Both Sides
                    Off, On
              -RX Print Size
                 A FILIN SIZE

—A4, LGL, LTR, OFICIO, Brazil-OFICIO,
Mexico-OFICIO, Government-LTR,
Government-LGL, FOOLSCAP, AUS-FOOLSCAP,
India-LGL
         Change Default Settings
               Scan Size
               Color Mode
                 Color, Black & White
               File Format
                 PDF, PDF (Compact), PDF (Compact/OCR),
                     PDF (OCR), JPEG, TIFF
                Original Orientation
                  Portrait, Landscape
                Original Type
                  Text, Text/Photo, Photo
                2-Sided Original
                  Off, Book Type, Calendar Type
                Sharpness
               -Data Size
                 Small: Memory Priority, Standard,
Large: Image Quality Priority
         Initialize Default Settings
           er Unit Name (E-Mail/I-Fax)
         YCbCr TX Gamma Value
              Gamma 1.0, Gamma 1.4, Gamma 1.8,
               Gamma 2.
OCR (Text Searchable) Settings
     Smart Scan
          └─Off, On
```

Menu Route Map

```
ory Media Print Settings
     Paper

Multi-Purpose Tray, Drawer 1, Drawer 2*
      └─Off, 2 on 1, 4 on 1
     2-Sided Printing
      Off, Book Type, Calendar Type
     Print Quality
        Density
               -Density (Fine Adjust)
                 High: 17 Levels

Medium: 17 Levels

Low: 17 Levels
          -Toner Save
            Off, On
     Set JPEG/TIFF Details
          -Print Date

└─ Off, On
          -Print File Name
           ☐ Off, On
          Original Type
            Photo Priority, Text Priority
          -Brightness
            Five Levels
          ·Halftones

L—Gradation, Error Diffusion
          -Grayscale Conversion
LsRGB, NTSC, Uniform RGB
     Set PDF Details
        Enlarge/Reduce to Fit Paper Size
          Enlarge Print Area
              Off, On
          -Print Comments
            └─Off, Auto
          -Other
                     Text: Resolution, Gradation,
                     High Resolution
                      Graphics: Resolution, Gradation,
                     High Resolution
               -Gravscale Conversion
                 SRGB, NTSC, Uniform RGB
 efault Display Settings
  Details, Images
   Name (Ascending), Name (Descending),
    Date/Time (Ascending), Date/Time (Descending)
File Name Display Format
 Short File Name, Long File Name
Initialize Default Settings
```

Settings marked with (*) are only available when the optional paper drawer (drawer 2) is attached.

```
ritize Driver Settings When Printing
                  - Force Output, Display Error
     Drawer 1

└── Off, On
                Force Output, Display Error
     Jrawer ∠ ↓

Off, On

Force Output, Display Error
1 to 99
-Sided Print
Paper Size Override
      17 Levels
Fine Adjust
            High: 17 Levels

Medium: 17 Levels
            Low: 17 Levels
     Toner Save
     Resolution
     Barcode Adjustment Mode
     └─ Off, Mode 1, Mode 2, Mode 3
    Binding Location
      Long Edge, Short Edge
     Gutter ____ -1.90 to 0.00 to +1.90 (inches) or
            -50.0 to 00.0 to +50.0 (mm)
     Offset Short Edge (Front)
      -2.00 to 0.00 to +2.00 (inches) or
-50.0 to 00.0 to +50.0 (mm)
     Offset Long Edge (Front)
      -2.00 to 0.00 to +2.00 (inches) or
-50.0 to 00.0 to +50.0 (mm)
     Offset Short Edge (Back)

-2.00 to 0.00 to +2.00 (inches) or
-50.0 to 00.0 to +50.0 (mm)
     Offset Long Edge (Back)

-2.00 to 0.00 to +2.00 (inches) or
           -50.0 to 00.0 to +50.0 (mm)
Off, On
5 to 15 to 300 (sec.)
Auto, PS, PCL, PDF, XPS
  Halftones
                      olution, Color Tone, Gradation,
                High Resolution
            Resolution, Color Tone, Gradation,
                High Resolution

    Resolution, Color Tone, Gradation,

                High Resolution
```

```
└─Portrait, Landscape
             Font Number
              0 to 104 (MF419dw) /
0 to 54 (MF416dw / MF414dw)
             Point Size
              4.00 to 12.00 to 999.75 (point)
              └─0.44 to 10.00 to 99.99 (cpi)
              Form Lines
5 to 60 to 128 (lines)
             Character Code
              ARABIC8*2, DESKTOP, GREEK8*2, HEBREW7*2,
                  HEBREW8*2, ISO4, ISO6, ISO11, ISO15, ISO17,
                  ISO21, ISO60, ISO69, ISOCYR*2, ISOGRK*2, ISOHB*2, ISOL1, ISOL2, ISOL5, ISOL6, LEGAL,
                  MATH8, MCTEXT, MSPUBL, PC775, PC8, PC850
                   PC851, PC852*2, PC862*2, PC864*2, PC866*2,
                  PC8DN, PC8GRK*2, PC8TK, PC1004, PIFONT,
                  PSMATH, PSTEXT, ROMAN8, VNINTL, VNMATH,
VNUS, WIN30, WINARB*2, WINBALT, WINCYR*2
                  WINGRK*2, WINL1, WINL2, WINL5
             Unit of Measure
              Millimeters, Inches
              dimension
              ____3 to 8 1/2 (inches) or 77 to 216 (mm)
              5 to 14 (inches) or 127 to 356 (mm)
             Append CR to LF

Yes, No
             Enlarge A4 Print Width
                  -Off, On
             Halftones
                    ext
Resolution, Color Tone, Gradation,
High Resolution
                  Graphics
Resolution, Color Tone, Gradation,
                        High Resolution
                    Resolution, Color Tone, Gradation,
High Resolution
             BarDIMM*2
              Enable, Disable
             Job Timeout
              └─0 to 3600 (sec.)
             Print PS Errors
              └─Off, On
                        Resolution, Gradation, High Resolution
                   Graphics
                    Resolution, Gradation,
High Resolution
                                ution, Gradation
                        High Resolution
              Grayscale Conversion

—sRGB, NTSC, Uniform RGB
            Enlarge/Reduce to Fit Paper Size
              └─Off, On
              nlarge Print Area
              └─Off, On
             N on 1, 4 on 1, 6 on 1, 8 on 1, 9 on 1,
              rint Comments
Off, Auto
             Halftone
                        Resolution, Gradation,
High Resolution
                  -Graphics
                    Resolution, Gradation,
High Resolution
                   Images
                        Resolution, Gradation,
High Resolution
              Grayscale Conversion

SRGB, NTSC, Uniform RGB
             Halftones

    Resolution, Gradation,
High Resolution

                        Resolution, Gradation,
                        High Resolution
                                 tion, Gradation
                        High Resolu
             Grayscale Conversion
                 −Text

—sRGB, NTSC, Uniform RGB
                    sRGB, NTSC, Uniform RGB
                   Images
                    SRGB. NTSC. Uniform RGB
                mpressed Image Output
              Output, Display Error
Settings marked with (*1) are only available when the optional pape
drawer (drawer 2) is attached.
Settings marked with (*2) are only available for the MF419dw.
Settings marked with (*3) are only available for the MF419dw / MF416dw.
```

aper Save Off, On

Orientation

```
Adjust Copy Image
Display Timing for Cartridge Preparation Notification
 Auto
Printer Density
 └─Nine Levels
Toner Save
Off, On
   ecial Processing
  Special Printing Mode A

Off, Mode 1, Mode 2, Mode 3, Mode 4
      Special Printing Mode U
         Off, On
     Special Printing Mode V
       Off, Mode 1, Mode 2
     Special Printing Mode Z
     Off, Mode 1, Mode 2, Mode 3
Special Printing Mode B
       Off, Mode 1, Mode 2, Mode 3
       pecial Printing Mode C
       Off, On
     Special Printing Mode D
    n Fixing Assembly
```

```
m Management Settings
       NFC*1
  Off, On
     System Manager ID and PIN
        — System Manager ID
— System Manager PIN
      System Manager Name
 Device Name
     Location
       ment ID Manag
       se TLS

Off, On
      Jse IPSec
       └─Off, On
       Pv4 Address Filter
          Outbound Filter
          -Inbound Filter
       v6 Address Filter
         -Outbound Filter
          -Inbound Filter
      MAC Address Filter
         Outbound Filter
         -Inbound Filter
     United States (US), Canada (CA), Brazil (BR),
Mexico (MX), Other
      e UI Settings
     Use Remote UI
       └─Off, On
      Remote UI Access Security Settings
      Remote UI Access PIN
      Online for Remote Scar
 Off, On
      Address Book PIN
         Off, On
      Restrict Resending from Log
       Off, On
      Coded Dial TX Confirmation
      v Job Log
    Off, On
 se as USB D
     s USB Devi
 Off, On (MF419dw) / Off, On (MF416dw / MF414dw)
      ry Media Print On/Off
 Off, On (MF419dw) / Off, On (MF416dw / MF414dw)
      Product Extended Survey Program
      y Consumables Information (RUI/Toner Status)
      Display Consumables Purchase Button (RUI)

Off, On
       └─Off, On oner Status Settings  
└─Off, On (Consmbls. Purchase Btn.)  
└─Off, On
      e Cloud Print Settings
     Enable Google Cloud Print
Off, On
      Google Cloud Print Registration Status
     to Check Paper Settings
    Off, On
     Import
 Off, On(Secure Print Deletion Time)
— 10 to 30 to 240 (min.)
            on (Plug and Play)
     Network
       Fax, UFR II, UFR II (V4), PCL6, PS*2
       Fax, UFR II, UFR II (V4), PCL6, PS*2
     Via PC
Via Internet
     Version Information
      Timer Settings
      Common Settings
      Copy Settings
      ax Settings
      Scan Settings
      Printer Settings
       -Enable NFC*1
          -System Manager Information Settings
          —Device Information Settings
           - Department ID Management On/Off
          -Auto Online for Remote Scan
           -Restrict TX Function
           Register LDAP Server
           -Authentication Settings for Send Function
          -Use as USB Device
           -Store to USB Memory
           Memory Media Print On/Off
          - Enable Product Extended Survey Program
          -Information for Purchasing Consumables
          -Enable Canon Mobile Scanning
           Google Cloud Print Settings
           Notify to Check Paper Settings
           -Secure Print Settings
          -PDL Selection (Plug and Play)
          -Initialize All
      Initialize All
      lize All Data/Settings
```

Settings marked with (*1) are only available for the MF419dw. Settings marked with (*2) are only available for the MF419dw / MF416dw. Settings marked with (*3) are only available for the MF419dw.