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1 RAAS Client

An gina RAAS akan abubuwa guda biyu: RAAS Client kuma RAAS Server. Domin sarrafa uwar garken, ko kwamfutoci, RAAS Server yana buƙatar shigar da kwamfutoci masu daukar hoto kafin saita kwamfutocin masu watsa shirye-shiryen a gefen abokin ciniki ta amfani da RAAS Client aikace-aikace. Wannan sashe ya kunshi umarni don shigarwa, daidaitawa da amfani RAAS Client.

1.1 Shigarwa

RAAS Client ana iya shigar da shi ta hanyar zazzage fayil din RAASClient_[version]_x64.msi da aiwatar da shi akan kwamfutar da aka yi niyya. Idan tsoho shigarwa ya isa kawai ayyukan da ake buƙatar dauka shine karɓar yarjejeniyar lasisi da buga shigarwa.

Bukatun tsarin: Yana goyan bayan nau'ikan 64 na Windows 10 & 11 Pro da Kasuwanci. Ana buƙatar NET Framework 4.8.

1.1.1 Babban saituna

Idan tsoho shigarwa bai isa ba, ana iya daidaita shi ta danna maɓallin "Advanced" lokacin shigarwa. Sashe na farko ya kunshi zaɓuɓɓuka don shigar da shi akan matakin injin, wanda zai kasance mai isa ga duk masu amfani, ko matakin mai amfani, wanda zai iya samun damar kawai ga mai amfani na yanzu. Danna "Next" zai kawo mai amfani zuwa menu na fasali. A cikin wannan sashe yana yiwuwa a zaɓi abubuwan da za a girka ta hanyar kunna ko kashe fasali a cikin dubawar.

Ana gabatar da cikakkun bayanai game da fasalin karkashin akwatin da ke dauke da sarrafawa lokacin zaɓar ta.

Nasiha: RAAS Client ana iya sarrafa ta ta danna alamar sanarwar sa dama. Don ko da yaushen nuna gunkin sanarwa a cikin dawainiya, danna nuna boye gumaka a cikin dawainiya kuma ja RAAS Client gunki zuwa wurin gumaka da ake iya gani.

1.2 RAAS Server Configuration

RAAS Server Configuration za a iya farawa daga menu na farawa, ta danna dama ga uwar garken a cikin Mai binciken fayil kuma zaɓi "RAAS Server Configuration" ko kuma ta danna dama RAAS Client icon a cikin tsarin tray kuma ko dai zaɓar "RAAS Server Configuration" a cikin tushen menu ko a daya daga cikin menus uwar garken. Ana amfani da shi don daidaita saitunan da ya kamata a yi amfani da su ga kowane uwar garken.

- Ana iya zaɓar sabar ta akwatin lissafin uwar garken, don canza saitin sabar ta musamman.
- Don kara uwar garken danna maɓallin "Kara..." sannan a saka sunan uwar garke ko ip uwar garke sannan danna maɓallin "Kara".
- Don cire uwar garken zaɓi uwar garken don cirewa kuma danna maɓallin "Cire".

An tsara tsarin a cikin shafuka, kuma ana gabatar da saitunan da ke karkashin kowane shafin a cikin sassan masu zuwa.

1.2.1 Gabadaya

- **Kunna uwar garken** : Yana sa uwar garken aiki kuma yana aiki da duk saitunan uwar garken. Kada a saita uwar garken zuwa aiki har sai an saita duk saituna.

Saituna:

- **Alias** : Yana kayyade wanda ake kira sabar ya kamata ya kasance a cikin duka RAAS Client musaya.
- **Account** : Yana kayyade asusun windows don amfani da shi don sadarwa tare da uwar garken.
- **Password** : Yana kayyade kalmar sirri zuwa asusun windows don amfani da sadarwa tare da uwar garke.
- **Domain** : Yana kayyade yankin don asusun windows don amfani da shi don sadarwa tare da uwar garke.
- **Tabbatar da RDP** : Yana kayyade wadanne ka'idodin tabbatarwa don amfani da su yayin hadawa ko da yake RemoteApp zuwa uwar garken, ta amfani da ka'idar RDP.
- **Sake hadawa ta atomatik** : Yana kayyade idan RemoteApp ya kamata a sake hada shi ta atomatik idan an hada shi kafin kullewa, barci ko boyewa da sauransu.
- **Shirye-shiryen farawa ta atomatik** : Yana kayyade idan aikace-aikacen da aka saita don farawa ta atomatik yayin farawa akan uwar garken yakamata su fara ta atomatik ta RemoteApp lokacin da aka fara hadawa.
- **Kiyaye mai rai** : Yana kayyade idan ya kamata a fara wakili mai rai ta hanyar RemoteApp akan uwar garken lokacin da aka fara hadawa, don hana haɗin haɗi ta atomatik lokacin da ba a buɗe aikace-aikace ba.
- **Juya allo allo** : Yana kayyade idan ya kamata a kunna ko kashewa.

- **Miyar da na'urori** : Yana kayyade idan ya kamata a juya na'urori. Wannan zaɓin yana buƙatar karin saitunan don aiki, waɗanda Microsoft ya rubuta.
- **Juya firintocin** : Yana kayyade idan ya kamata a kunna ko kashewa.
- **Nuna sanarwa** : Yana kayyade idan mai amfani yakamata ya karɓi sanarwar titin balloon lokacin haɗawa ko cire haɗin RemoteApp. Ana buƙatar kunna sanarwar a cikin saitunan Windows don sanarwar yin aiki.

RAAS Server Haɗin kai:

- **Matsayi** : Yana nuna bayanai game da sabar halin yanzu na sadarwa. "Babu lambar sadarwa" yana nuna cewa babu sadarwa, "Contact" yana nuna cewa ana iya samun uwar garken, "Available" yana nuna cewa sadarwa tare da RAAS Server sabis akan uwar garken yana nan kuma "An haɗa", wanda ke nuna cewa an haɗa uwar garken zuwa ta RemoteApp.
- **RAAS Serverversion** : Wannan bayanin yana nan ne kawai idan sadarwa tare da RAAS Server sabis akan uwar garken yana nan, kuma yana nuna sigar da aka shigar RAAS Server akan uwar garken.
- **Haɗa/Sake haɗa** -button: Ana amfani dashi don haɗawa ko sake haɗawa zuwa uwar garken ta RemoteApp.
- **Cire haɗin** -button: Ana amfani da shi don cire haɗin uwar garken daga RemoteApp.

1.2.2 Gajerun hanyoyi masu nisa

- **Kunna gajerun hanyoyin nesa** : Yana sanya gajerun hanyoyin nesa aiki kuma yana aiki da duk saitunan gajerun hanyoyin nesa.

Saitunan Gajerun hanyoyi:

- **Kirkirar gajerun hanyoyin menu na farawa** : Yana kayyade idan za a canza gajerun hanyoyin menu na farawa akan uwar garke zuwa mai amfani da kwamfutar gida na yanzu, don farawa ta hanyar RemoteApp. Za a sanya gajerun hanyoyi a cikin babban fayil ɗin da aka keɓe a cikin menu na farawa tare da tsarin suna [Server alias].
- **Kirkirar gajerun hanyoyi na Apps na Windows** : Yana kayyade idan ya kamata a canza gajerun hanyoyin Windows Apps akan uwar garke zuwa mai amfani da kwamfutar gida na yanzu, don farawa ta hanyar RemoteApp. Za a sanya gajerun hanyoyi a cikin babban fayil ɗin da aka keɓe a cikin menu na farawa tare da tsarin suna [Server alias]. Don gajerun hanyoyin Windows Apps da za a canza su bayan shigarwa Ana buƙatar Gajerun hanyoyin Sabuntawa ana buƙatar zaɓin uwar garken daga RAAS Client yankin sanarwa.
- **Kirkirar gajerun hanyoyin tebur** : Yana kayyade idan za a canza gajerun hanyoyin tebur akan uwar garke zuwa mai amfani da kwamfutar gida na yanzu, don farawa ta hanyar RemoteApp.
- **Sanya gajerun hanyoyin tebur akan tushen tebur** : Yana kayyade idan an canza gajerun hanyoyin tebur daga uwar garken ya kamata a sanya su akan tushen tebur na mai amfani na yanzu. Madadin shine sanya su a cikin babban fayil ɗin da aka keɓe akan tebur tare da tsarin suna [Server alias].
- **Kara sunan uwar garken zuwa ga gajerun sunaye** : Yana kayyade idan gajerun hanyoyin da aka canjawa wuri daga uwar garken ya kamata a ba su sunaye waɗanda uwar garken ke haɗa su.
- **Harshen uwar garken don gajerun sunaye** : Yana kayyade idan gajerun hanyoyin da aka canjawa wuri daga uwar garken ya kamata a ba su sunaye bisa ga shigar da harshen akan

uwar garke.

1.2.3 Kayayyakin gani

- **Kunna abubuwan gani** : Yana sa abubuwan gani su yi aiki kuma suna aiki da duk saitunan gani.

Saitunan gani:

- **Babban launi** : Yana kayyade babban launi don amfani da duk abubuwan gani.
- **Launin rubutu** : Yana kayyade launi na rubutu da aka yi amfani da shi don duk abubuwan gani.
- **Launin layi** : Yana kayyade launi na layin da aka yi amfani da shi don duk abubuwan gani.
- **Frames** : Yana kayyade idan RemoteApp windows don aikace-aikace akan uwar garken yakamata ya sami kayan adon firam. Ana iya amfani da firam din don nuna wa mai amfani wadanne aikace-aikacen ke cikin uwar garken.
- **Mashigin haɗi** : Yana kayyade idan sandar haɗi ta kasance lokacin da taga RemoteApp don aikace-aikacen kan uwar garke yana aiki. Ana iya amfani da sandar haɗin don nuna cewa aikace-aikacen kan uwar garken yana karɓar shigarwa.
- **Gawurwar mashaya haɗin haɗi** : Idan an saita "mashigin haɗin gwiwa", wannan saitin yana kayyadaddun yanayin mashigin haɗin.

1.2.4 Fayil Explorer Extension

- **Kunna a cikin tsawo mai binciken fayil** : Yana sa uwar garken ganuwa a cikin RAAS Client Fayil Explorer tsawo kuma yana aiki duk tasiri RAAS Client Saitunan fadada mai binciken fayil.

Fayilolin Ganuwa: Yi amfani da waɗannan zaɓuɓɓukan don tantance waɗanne manyan fayilolin mai amfani waɗanda yakamata su bayyana ga uwar garken a cikin tsawo mai binciken Fayil.

Na'urori masu Ganuwa da Tukwici: Yi amfani da waɗannan zaɓuɓɓukan don tantance nau'ikan na'urori da na'urori waɗanda yakamata su bayyana ga uwar garken a cikin tsawo na Mai binciken Fayil.

1.3 RAAS Client

The RAAS Client Ana isa aikace-aikacen ta gunkin tire na tsarin sa. Lokacin danna madaidaicin gunkin a cikin tire na tsari menu na mahallin zai bayyana. Za a bayyana abubuwan menu na wannan mahallin menu a cikin wannan sashe.

- **Desktop Nesa** : Yana budewa "RAAS Client Remote Desktop" aikace-aikacen, ba tare da zaɓin uwar garken ba.
- **RAAS Server Configuration**: Budewa "RAAS Server Configuration" aikace-aikacen, ba tare da zaɓin uwar garken ba.
- **Taimako (pdf)** : Buɗe pdf tare da taimako game da RAAS.
- **Game da** : Yana buɗe taga tare da bayani game da shigar RAAS Client.
- **Fita** : Rufe RAAS Client.

Menu na mahallin ya kunshi karamin menu guda daya don kowane uwar garken da aka kunna. Da'irar ja kafin sunan uwar garken yana nuna cewa uwar garken baya layi, da'irar rawaya kafin sunan uwar garken yana nuna cewa akwai uwar garken da kuma koren da'irar kafin sunan uwar garken ya nuna cewa akwai haɗi ta hanyar RemoteApp zuwa uwar garken.

Menu na mahallin uwar garken:

- **Haɗa** : Yana kirƙirar haɗi zuwa uwar garken ta hanyar RemoteApp.
- **Cire haɗin kai** : Yana cire haɗin uwar garken daga RemoteApp.
- **Sake haɗawa** : Yana sake haɗa haɗin RemoteApp zuwa uwar garken.
- **Logoff** : Yana fitar da mai amfani da ya shiga daga uwar garken. Wannan zaɓi yana rinjayar mai amfani kawai wanda aka haɗa ta RAAS Client daga injin gida.
- **Sake yi** : Sake yi uwar garken.
- **Sabunta Gajerun hanyoyi** : Yana sabunta duk gajerun hanyoyin nesa daga uwar garken. Ana buƙatar wannan aikin lokacin shigar da gajerun hanyoyin Apps na Windows.
- **Desktop Remote** : Yana buɗewa "RAAS Client Nesa Desktop" aikace-aikace tare da uwar garken da aka zaɓa.
- **RAAS Server Configuration**: Budewa "RAAS Server Configuration" aikace-aikace tare da uwar garken da aka zaɓa.

1.4 RAAS Client Fayil Explorer Extension

Idan an shigar da tsawo sunan harsashi don RAAS Client, za a sami wani sashe a cikin File Explorer mai suna "RAAS Client" A cikin bishiyar bishiyar tushen tushen mai binciken fayil. Ana iya amfani da wannan sashin don sarrafa fayiloli da manyan fayiloli ga kowane uwar garken wanda ke da tsawo mai binciken Fayil yana aiki a cikin saitunan. An tsara shi don aiki kamar yadda ake sarrafa fayiloli da fayiloli na yau da kullun a cikin Fayil Explorer, tare da wasu ƙarin zaɓuɓɓuka waɗanda aka bayyana a cikin wannan sashe.

Danna-dama na uwar garken:

- **Desktop Nesa** : Yana buɗewa "RAAS Client Remote Desktop" aikace-aikace tare da uwar garken da aka zaɓa.
- **RAAS Server Configuration**: Budewa "RAAS Server Configuration" aikace-aikace tare da uwar garken da aka zaɓa.

Danna-dama na fayil:

- **Bude a kan mai watsa shiri mai nisa** : Yana buɗe fayil ɗin akan mai watsa shiri mai nisa ta hanyar RemoteApp.
- **Kirƙirar gajeriyar hanya mai nisa** : Kirƙiri gajeriyar hanya wacce ke fara fayil ɗin akan uwar garke ta RemoteApp lokacin kunnawa. An kirƙiri fayil ɗin a cikin babban fayil na yanzu.

Danna-dama fayil da jan shi zuwa wani wuri kafin a saki:

- **Kirƙirar gajeriyar hanya mai nisa a nan** : Kirƙirar gajeriyar hanya wacce ke fara fayil ɗin akan uwar garke ta hanyar RemoteApp lokacin kunnawa. An kirƙiri fayil ɗin a wurin da aka ja fayil ɗin zuwa.

1.5 RAAS Client Remote Desktop

"RAAS Client Remote Desktop" za a iya farawa ta danna dama ga uwar garken a cikin tsawo mai binciken Fayil kuma zaɓi "Tsarin Nesa" ko ta danna dama. RAAS Client icon a cikin tire na tsarin kuma ko dai zabar "Desktop Nesa" a cikin tushen menu ko a ɗaya daga cikin menus na uwar garke. Ana amfani dashi don haɗawa zuwa uwar garken tare da tebur mai nisa ta amfani da bayanana da aka adana, waɗanda za'a iya daidaita su ta amfani da su RAAS Server Configuration.

- **Server** : Zaɓi uwar garken don haɗawa ta amfani da tebur mai nisa.

Saituna:

- **Tabbatar da RDP** : Yana kayyade waɗanne ka'idodin tabbatarwa don amfani da su yayin haɗawa ko da yake tebur mai nisa zuwa sabar, ta amfani da ka'idar RDP.
- **Juya allo allo** : Yana kayyade idan ya kamata a kunna ko kashewa.
- **Miyar da na'urori** : Yana kayyade idan ya kamata a juya na'urori. Wannan zaɓin yana bukar karin saitunan don aiki, waɗanda Microsoft ya rubuta.
- **Juya firintocin** : Yana kayyade idan ya kamata a kunna ko kashewa.
- **Cikakken allo** : Yana kayyade idan ya kamata a fara Desktop mai nisa a yanayin cikakken allo.
- **Bar haɗi** : Yana kayyade idan sandar haɗi ta kasance a yanayin cikakken allo.
- **Mashigin haɗin haɗin yanar gizo** : Yana kayyade idan sandar haɗin ya kamata a lika tun farko.
- **Faɗin Dektop** : Yana kayyade faɗin tebur don zaman tebur mai nisa.
- **Tsawon tebur** : Yana kayyade tsayin tebur don zaman tebur mai nisa.

1.6 Search & Run

Search & Run yana ba da hanya mai sauƙi don bincika aikace-aikacen da aka shigar akan uwar garke sannan gudanar da aikace-aikacen. An shigar da shi akan uwar garken amma ana son amfani da shi azaman aikace-aikacen RemoteApp ta hanyar RAAS Client akan kwamfutar abokin ciniki. Yana aiki azaman maye gurbin binciken Windows, wanda ba a samun dama ta hanyar RAAS Client. Neman fayiloli ana yin su ta hanyar neman fayiloli waɗanda ke farawa da igiyoyin da aka bayar a cikin filin bincike. "*" a cikin kirtani ya dace da kowane igiya kuma "?" a cikin kirtani ya dace da kowane hali.

2 RAAS Server

Domin sarrafa sababin, ko kwamfutoci, ta hanyar RAAS Client , RAAS Server yana bukar sanyawa a kan kwamfutocin masu ɗaukar hoto.

2.1 Shigarwa

RAAS Server an shigar da shi ta hanyar zazzage RAASServer_[version]_x64.msi zuwa uwar garken, ko kwamfuta mai ɗaukar nauyi, da buɗe fayil ɗin. Idan tsoho shigarwa ya isa kawai ayyukan da ake bukar ɗauka shine karɓar yarjejeniyar lasisi da buga shigarwa.

Domin amfani RAAS Server daga a RAAS Client kwamfuta, kuna bukar shiga sau ɗaya ta hanyar haɗin tebur da zarar an shigar da shirin tare da mai amfani da kuke son sarrafa uwar garken da shi ta hanyar RemoteApp.

Bukatun tsarin: Yana goyan bayan nau'ikan 64 na Windows 10 & 11 Pro da Kasuwanci da kuma Windows Server RDS. NET Framework 4.8 da NET 8 duk ana bukata.

2.1.1 Babban saituna

Idan tsoho shigarwa bai isa ba, ana iya daidaita shi ta danna maɓallin "Advanced" lokacin shigarwa. A cikin wannan sashe yana yiwuwa a zaɓi abubuwan da za a girka ta hanyar kunna ko kashe fasali a cikin dubawar. Ana gabatar da cikakkun bayanai game da fasalin karkashin akwatin da ke dāuke da sarrafawa lokacin zabar ta.

- Idan an shigar akan uwar garken Windows don samun damar RDS ana ba da shawarar a kashe ikon sake yin sabar daga abokan cinikin RDS. Ana iya daidaita wannan ta hanyar danna maɓallin "Babba" akan shigarwa kuma zaɓi "Ba za a sami cikakken fasalin ba" don fasalin mai suna "Can Sake Yi".

2.2 Tsarin Windows da aka ba da shawarar

- Ana ba da shawarar ba da izinin ingantaccen kalmar sirri ga hannun jarin kwamfuta akan uwar garken don ba da damar shiga ta hanyar RAAS Client Fayil Explorer tsawo akan kwamfutar abokin ciniki. Takardun don samar da kariyar kalmar sirri ga hannun jarin kwamfuta akan uwar garken Microsoft ne ya rubuta shi.
- Ana ba da shawarar a kashe User Account Control, UAC, akan uwar garken don samun damar shigar da shirye-shirye akan uwar garken ta hanyar RAAS Client RemoteApp. User Account Control kuma ba a tallafawa haɓakar gata RAAS Client RemoteApp. Takardun don kashewa User Account Control Microsoft ne ke bayarwa.
- Ana bukar ba da izinin haɗin haɗin tebur mai nisa akan sabar don Microsoft RemoteApp yayi aiki dasu RAAS Client.
- RAAS Client sadarwa da RAAS Server ta hanyar tashar jiragen ruwa 43000, wannan tashar yana bukar izinin ta hanyar wuta. Ana kirƙirar shigarwa a cikin Tacewar zaɓi na Windows ta atomatik akan shigarwar RAAS Server.
- Haɗin farko zuwa uwar garken tare da mai amfani da kuke son sarrafa uwar garken da ita ta RemoteApp ana bukar kirƙirar gajerun hanyoyi.
- Idan an yi amfani da shi tare da sandar haɗi daga RAAS Client, Ana ba da shawarar musaki saitin ayyuka da yawa "Nuna shimfidar faifai lokacin da na ja taga zuwa saman allo na", wanda ke samun dama a cikin saitunan tsarin Windows. Wannan aikin ya zo cikin cin karo da RAAS Client sandar haɗi lokacin amfani da lokaci guda. Canza wannan zai sa aikace-aikacen nesa su yi aiki cikin sauki.

2.3 Search & Run

Search & Run yana ba da hanya mai sauki don bincika aikace-aikacen da aka shigar akan uwar garke sannan gudanar da aikace-aikacen. An shigar da shi akan uwar garken amma ana son amfani da shi azaman aikace-aikacen RemoteApp ta hanyar RAAS Client akan kwamfutar abokin ciniki. Yana aiki azaman maye gurbin binciken Windows, wanda ba a samun dama ta hanyar RAAS Client. Neman fayiloli ana yin su ta hanyar neman fayiloli waɗanda ke farawa da igiyoyin da aka bayar a cikin filin bincike. "*" a cikin kirtani ya dace da kowane igiya kuma "?" a cikin kirtani ya dace da kowane hali.

3 Sigar

Sabbin sigogin RAAS Client kuma RAAS Server ya kamata a buga a lokaci guda tare da lamba iri daya daidai da alamar sigar a GitHub. RAAS Client kuma RAAS Server ya kamata ya dace idan dai babban lambar sigar iri daya ce watau farkon lambobi a cikin sunayen fayil.

4 Taimako

4.1 Abubuwan gama gari

Mai binciken fayil na iya daukar lokaci mai tsawo don farawa saboda wuraren sadarwar da ake karawa ta atomatik zuwa saurin shiga ta Windows. A wannan yanayin matsalar za ta faru idan ba a iya samun wurin cibiyar sadarwa.

- Don warwarewa: Canja wurin budewa don saitin mai binciken fayil daga "Gida" zuwa "Wannan PC".